

Sci-Tech Connections

Literacy Links

Sci-Tech Connections for Young Learners

Treasures

Treasures Book Connections:

Simon Finds a Treasure

by Gilles Tibo (isbn 088776388X)

A little boy, Simon, goes out to look for a treasure. On his search, different characters in the story tell him about their treasure. A butterfly has a treasure hidden in a flower, the turtle's treasure is the ten eggs soon to hatch, the squirrel's is one hundred nuts, the miner's is a thousand specks of gold dust, and for the ghost it is a million bats. Each character asks Simon what his treasure is, but Simon says that he does not know and that he must keep looking. Simon gets lost and is frightened. When he calls for help, his friends come and find him. Simon finally finds his treasure; he does not have to look any further.

When Daddy Came to School

by Julie Brillhart (isbn 0807588784)

People and places are treasures. A little boy turns three and daddy comes to school for his birthday. He feels very special as he interacts with his daddy throughout the school day. The text is in rhyme and the reader travels through the classroom as the little boy and his daddy work at the different centers and then go outdoors to play.

In My Backyard

by John DeVries (isbn 0590733079)

In this amusing rhythmical story, a little boy claims a frog for his treasure but his family cannot share in his newfound "treasure" and rejects it. A double spread of illustrations captures the young boy's sadness and then joy as he solves his problem.

Come Away from the Water, Shirley

by John Burningham (isbn 009989940X)

Shirley goes to the beach with her parents, who are happy just to sit on the sand and read and knit. Shirley is off in her world of pirates and treasures as her parents try and tell her what to do. They wonder why she is not listening!

The Party

by Barbara Reid (isbn 0590123858)

This delightful book shows how our outdoors can be a treasure that we all can share. A family is on their way to grandma's birthday party. Two sisters are stuffed in the car and their mood is one of dreaded anticipation as they prepare to meet the family members not seen for a while. Their mood quickly changes as they mix with other children and allow their imaginations to sail away on lifeboats and steal the "treasure chest."

Other Treasures related books:

Out of the Ocean

by Debra Frasier (isbn 0152588493)

The Treasure Hunt

by Nick Butterworth (isbn 0006646158)

I Got a Family

by Melrose Cooper and Dale Gottlieb (isbn 0805055428)

Blue's Treasure **Hunt** Notebook

by Angela Santomero, Traci Paige Johnson, and Soo Kyung Kim (isbn 0689825412)

I Spy Treasure Hunt

by Walter Wick and Jean Marzollo (isbn 0439042445)

Captain Teachum's Buried Treasure

by Korky Paul and Peter Carter (isbn 0192722301)

Sammy and the Dinosaurs

by Ian Whybrow (isbn 0531302075)

Sci-Tech Connections for Young Learners

Spinners

Spinners Book Connections:

Dance Away

by George Shannon (isbn 0688104835)

Rabbit loves to dance. He dances so much that his friends hide when they see him coming. But he's no dancing fool – when the hungry fox decides to eat his friends for dinner, Rabbit's got a plan to dance them right out of the trap.

Omar on Ice

by Maryann Kovalski (isbn 1550415077)

Omar loves to draw pictures and wishes he could be as good at it as his classmate, Elsie. However, no one except Omar can figure out what his pictures depict. When the whole class goes ice skating, Omar's true talent emerges, as he shows Elsie and his friends how he can glide, whirl, and spin on ice.

One Spinning Spider

by Sally Crabtree (isbn 1862331677)

One spinning spider, how do you do? Along comes Sally spider and then there are two. Follow Sally as she moves through the pages to create simple counting rhymes to 10.

Farmer Brown Goes Round and Round

by Teri Sloat (isbn 0789425122)

A twister strikes Farmer Brown's farm and mixes the animals up in such a way that the cows oink, the sheep cluck, the hens bray, and the dog neighs. It takes another twister to set things right, although the farmer occasionally still crows.

Other Spinners related books:

Color Dance

by Ann Jonas (isbn 0688059902)

Mabel Dancing

by Amy Hest (isbn 0763607460)

Dream Weaver

by Jonathan London (isbn 0152009442)

The Very Busy Spider

by Eric Carle (isbn 0399215921)

Insects Are My Life

by Megan McDonald (isbn 053107093X)

The Eensy-Weensy Spider

by Mary Ann Hoberman (isbn 0316363308)

Spinning Spiders

by Ruth Berman (isbn 0822536102)

The Umbrella Party

by Janet Lunn (isbn 088899298X)

Free Fall

by David Wiesner (isbn 068810990X)

There's a Spider on the Floor (Song)

by Raffi

Sci-Tech Connections for Young Learners

Fairy Tales

Fairy Tales Book Connections:

Cinderella Penguin

by Janet Pearlman (isbn 1550740733)

This charming book is the traditional tale with Cinderella as a penguin. The story tells how Cinderella swept and scrubbed for her stepmother and two stepsisters with only worn-out tatters to wear and a small shelf in the stone cold cellar to sleep on. Cinderella is rescued by Greta fairy Penguin and is sent off to the ball. There she loses her glass flipper, which is returned to her by the prince.

The Bravest Ever Bear

by Allan Ahlberg and Paul Howard (isbn 0763607835)

A bear fancies himself a storybook hero, but an unidentified author places him in unsatisfying situations, such as “Once upon a time there was a bear. The End.” Frustrated, the bear takes over, writing – and delightfully fracturing – fairy tales both familiar and outrageous. A penguin, a princess, a sausage, and four-and-twenty black bears also get opportunities for starring roles, as do the villainous troll, wolf, and dragon. After more adventures, heroics, and tasty treats, the satisfied bear is happily carried off to bed.

Goldilocks and the Three Hares

by Heidi Petach (isbn 0399228284)

“Once upon a time there were three hares ... a great big papa hare, a medium-sized mama hare, and a teeny tiny baby hare.” So begins this hilarious adaptation on the familiar fairy tale Goldilocks and the Three Bears. Children will laugh at the amiable antics of the hare family, the mice who are commentators, and a Goldilocks like no other. This story is sure to delight!

The Three Little Pigs

by James Marshall (isbn 0140557423)

After an old sow sends her three pigs out into the world to seek their fortunes, life is grand for each as they settle into houses made of straw, sticks, and bricks. When a lean and hungry wolf happens by, however, the not-so-traditional turn of events is sure to delight our young readers.

Other Fairy Tale Related Books:

Somebody and the Three Blairs

by Marilyn Tolhurst and Simone Abel (isbn 0531070565)

Cinder Edna

by Ellen Jackson and Kevin O'Malley (isbn 0688123228)

CinderHazel: The Cinderella of Halloween

by Deborah Nourse Lattimore (isbn 0590202324)

Cinderella

by Barbara Karlin and James Marshall (isbn 0316546542)

Cinder-elly

by Francis Minters and G. Brian Karas (isbn 0670844179)

The Three Little Pigs and the Fox

by William H. Hooks and S. D. Schindler (isbn 0613016661)

The True Story of the Three Little Pigs

by Jon Scieszka, Lane Smith, and S. Lobo (isbn 0453007686)

The Frog Prince

by Edith Tarcov and James Marshall (isbn 0590465716)

Goldilocks and the Three Bears

by James Marshall (isbn 0140563660)

Red Riding Hood

by James Marshall (isbn 0803703449)

The Paper Bag Princess

by Robert Munsch and Michael Martchenko (isbn 0920236251)

The Tender Tale of Cinderella Penguin

Video produced by the National Film Board of Canada (upc 015668073532)

Who Is it?

by Sally Grindley (isbn 0747546231)

Who's at the Door?

by Jonathan Allen (isbn 1852135158)

Listening Walk

by Paul Showers (isbn 0064433226)

Sci-Tech Connections for Young Learners

Denise Fleming

Denise Fleming Book Connections:

Barnyard Banter

by Denise Fleming (isbn 0805055819)

From pasture to hayloft, cows moo, kittens mew, hens cluck and pigs muck. But Goose is hiding. An energetic text filled with rhyming barnyard noises invites readers to chime in. Watch for Goose, who appears on every spread.

In the Small, Small Pond

by Denise Fleming (isbn 0805059830)

It is springtime and a bright green frog leaps out of the tall, tall grass and lands in a small, small pond. Splash! Tadpoles and minnows scatter. This Caldecott Honor Book presents us with a frog's eye view of life in a small, small pond.

Count

by Denise Fleming (isbn 0805050817)

Wiggle like a worm, bounce like a kangaroo, leap like a frog! Count from one gnu to ten lizards to fifty bees with this concept book. Like the artwork in her other books, these illustrations are rendered using the colored pulp she uses to create her own handmade paper.

Where Once There Was a Wood

by Denise Fleming (isbn 0805064826)

Pheasants, red fox, the rummaging raccoons, the great horned owl – these and other animals are brought to life in this beautiful book. The lyrical text and detailed artwork combine in an ecological tribute to our disappearing wildlife. As well, four pages are dedicated to wildlife conservation and the creation of backyard habitats.

Other Denise Fleming Related Books:

In the Tall, Tall Grass

by Denise Fleming (isbn 0805039414)

Lunch

by Denise Fleming (isbn 0805016368)

Time to Sleep

by Denise Fleming (isbn 0805037624)

Picture This ...

by Alison Jay (isbn 0525463801)

The Everything Book

by Denise Fleming (isbn 0805062920)

Mama Cat Has Three Kittens

by Denise Fleming (isbn 0805057455)

The Salamander Room

by Anne Mazer, Steve Johnson, and Lou Fancher (isbn 0679861874)

A Log's Life

by Wendy Pfeiffer and Robin Brickman (isbn 0689806361)

Sleepy Bears

by Mem Fox and Kerry Argent (isbn 0152020160)

The Paper Book and Paper Maker

by Share Levine and Joe Weissman (isbn 1562822357)

Paper Paper Everywhere

by Gail Gibbons (isbn 0152014918)

Who Hops

by Katie Davis (isbn 0152018395)

There Was an Old Lady Who Swallowed a Fly

by Simms Taback (isbn 0670869392)

Red Leaf Yellow Leaf

by Lois Ehlert (isbn 0152661972)

Peek at a Pond

by Neecey Twinem (isbn 044841953X)

Sitting on **the** Farm

by Bob King and Bill Slavin (isbn 0153036346)

Milton

by Hayde Ardalan (isbn 0811827623)

Stargazers

by Gail Gibbons (isbn 0823415074)

Sci-Tech Connections for Young Learners

Rolling Along

Rolling Along Book Connections:

The Rusty, Trusty Tractor

by Joy Cowley and Oliver Dunrea (isbn 1563978733)

A salesman tries to talk Micah's grandfather into buying a new tractor, but Grandpappy refuses. Later when his car becomes stuck in the mud, the salesman is rescued by the very tractor he ridiculed. Micah learns the value of old things, especially the rusty, trusty tractor.

Five Trucks

by Brian Floca (isbn 0789425610)

A team of five trucks – catering truck, baggage tractor, baggage conveyor, mechanic's truck, and push-out tractor – has a single focus: an airplane, which readers gradually see in closer detail as takeoff nears. From the plane, a boy and his father watch these trucks carry out their tasks.

Duck in the Truck

by Jez Alborough (isbn 0060286857)

Duck's luck takes a turn for the worse – as does his truck – when he gets stuck in the mud. A frog comes along to help, along with a sheep and even a goat in a boat, but through all the shouting and heaving and squelching Duck's truck remains stuck. Then with a gigantic heave and a tremendous ho, out comes the truck – but guess who now remains stuck in the mud?

Trucks: Giants of the Highway

by Ken Robbins (isbn 0689826648)

Huge, powerful, noisy, colorful, and fast, the big trucks known as “semis” fascinate children. Photographer Ken Robbins takes young readers out on the road for a first look at these big rigs and the hard-driving women and men who live behind the wheel.

Other Rolling Along Related Books:

Wheels

by Annie Cobb and Davy Jones (isbn 0679864458)

I Spy Little Wheels

by Jean Marzollo and Walter Wick (isbn 059004706X)

Wheeling and Whirling Around Book

by Judy Hindley and Margaret Chamberlain (isbn 0613017773)

Sheep in a Jeep

by Nancy Shaw and Margot Apple (isbn 0395470307)

I Can Roll

by Alan Crozon (isbn 081182408X)

Froggy Plays Soccer

by Jonathan London and Frank Remkiewicz (isbn 0670882577)

Franklin Plays the Game

by Paulette Bourgeois and Brenda Clark (isbn 1550742558)

Franklin Rides a Bike

by Paulette Bourgeois and Brenda Clark (isbn 1550743546)

My Race Car

by Michael Rex (isbn 0805061010)

Seymour Simon's Book of Trucks

by Simon Seymour (isbn 0060284730)

Wheels on the Bus

by Maryann Kovalski (isbn 0316502596)

Seals on the Bus

by Lenny Hort and G. Brian Karas (isbn 0805059520)

Beep, Beep

by Anne Miranda and David Murphy (isbn 1890515205)

Bear on a Bike

by Stella Blackstone and Debbie Harter (isbn 1841481211)

I Read Symbols

by Tana Hoban (isbn 0688166962)

Mud

by Mary L. Ray and Lauren Stringer (isbn 015256263X)

Mrs. Wishy-Washy

by Joy Cowley and Elizabeth Fuller (isbn 0399233911)

So Many Circles, So Many Squares

by Tana Hoban (isbn 0688151655)

Guess What?

by Chris Gilvan-Cartwright (isbn 0761310312)

Tool Book

by Gail Gibbons (isbn 0823406946)

Tools

by Ann Morris and Ken Heyman (isbn 0688161650)

Sci-Tech Connections for Young Learners

Ready, Set, Cook

Ready, Set, Cook Book Connections:

Cook-A-Doodle-Do!

by Janet Stevens and Susan Stevens Crummel (isbn 0152019243)

This remarkable tale will make every child's natural enthusiasm for cooking burst forth. In a creative spin on the tale of The Little Red Hen, Rooster – rebuffed by Dog, Cat, and Goose just as his Granny was – finds companionship in the kitchen with Turtle, Iguana, and Potbellied Pig. As Turtle reads the recipe aloud, Iguana repeatedly confuses the instructions to great comedic effect. Scattered through the story are sidebars with cooking tips that offer information on the ingredients, measurements, and techniques used in the text. Kids will love this lively slapstick story of teamwork in action, and they will want to try making strawberry shortcake too!

Bunny Cakes

by Rosemary Wells (isbn 0140566678)

Max's heart is in the right place, but no grandmother in the world, no matter how loving, could stomach a worm-infested cake on her birthday! Ruby, always the older and smarter one, has a better idea: to make Grandma an angel cake with raspberry-fluff icing. But Max has a mind of his own. Perhaps Grandma's going to get two cakes for her birthday this year – even if she only wants to eat one of them!

How Are You Peeling?

by Saxton Freymann and Joost Elffers (isbn 0439104319)

Who knew foods could be so moody? Certainly fruit and vegetables are good for you, but did you know they can also teach you about human emotions? Riotously energetic red peppers, laughing lemons, angry oranges, and many other foods teach kids about complex feelings in the funniest, most imaginative way possible.

Feeding Time at the Zoo

by Sherry Shahan (isbn 0375800670)

What's for dinner at the local zoo? Find out in this buffet of fun food facts. This photo essay takes kids behind the scenes at a community zoo to see what and how their favorite animals eat.

Other Ready, Set, Cook Related Books:

One Lonely Seahorse

by Saxton Freymann and Joost Elffers (isbn 0439110149)

Plain Noodles

by Betty Waterton and Joanne Fitzgerald (isbn 0888991320)

Pumpkin Circle

by George Levenson (isbn 1582460043)

What's for Dinner?

by Ann Garrett (isbn 0525463771)

Oliver's Fruit Stand

by Vivian French and Alison Bartlett (isbn 0340704535)

Eating the Alphabet

by Lois Ehlert (isbn 0152244360)

Tops and Bottoms

by Janet Stevens (isbn 0152928510)

Bone Button Borscht

by Aubrey Davis and Susan Petricic (isbn 1550743260)

Pumpkin Soup

by Helen Cooper (isbn 0385407947)

Red Is Best

by Kathy Stinson and Robin B. Lewis (isbn 092023626X)

Those Green Things

by Kathy Stinson and Deirdre Betteridge (isbn 1550373765)

Bye-Bye Pie

by Sharon Jennings and Ruth Ohi (isbn 1550414054)

If You Give a Pig a Pancake

by Laura Joffe Numeroff and Felicia Bond (isbn 0060266864)

More Spaghetti, I Say

by Reta Golden Gelman and Mort Gerberg (isbn 0590457837)

If You Give a Mouse a Cookie

by Laura Joffe Numeroff and Felicia Bond (isbn 0060245867)

If You Give a Moose a Muffin

by Laura Joffe Numeroff and Felicia Bond (isbn 0064433668)

Sci-Tech Connections for Young Learners

Day/Night

Day/Night Book Connections:

What Can You Do in the Sun?

by Anna Grossnickle Hines and Thea Kliros (isbn 0688160808)

What do you like to do in the sun – dance and play, or maybe chase a shadow? What Can You Do in the Sun? shows children how to have fun in the sun. Simple activities, such as mixing a mud pie or swooshing a snow angel, offer a tangible introduction to words, weather, and the five senses, as well as to the many ways to play in the winter, spring summer, and fall!

The Very Noisy Night

by Diana Hendry and Jane Chapman (isbn 0525462619)

This is a sweetly beguiling tale of two mice. Fretful Little Mouse shares a room with Big Mouse. During the wee hours, Little Mouse listens to the night sounds, the howling of wind, hooting of an owl, tapping of branches, and fearfully imagines intruders, ghosts, and others. Each time, the long-suffering Big Mouse climbs out of his comfortable bed to show Little Mouse the mundane source of the alarming sound. He draws the line at letting his timid friend into bed for a variety of reasons: wiggling, cold paws, etc. However, when confronted with Little Mouse's loneliness, Big Mouse readily allows him to hop into bed. Hendry's depiction of a young child's fears rings true while Big Mouse's patient explanations calm anxieties, providing a forum in which children can safely explore their nighttime jitters.

Is There Room on the Feather Bed?

by Libba Moore Gray and Nadine B. Westcott (isbn 0531300137)

This bright and cheerful book is filled with several learning possibilities – animal names, animal sounds, names of colors, how to share, and tolerance of those different from yourself. The story is about a stormy night on the farm when the animals want to crawl into bed with the farmer and his wife to keep warm and dry. But once the skunk tries to join them, all the animals run back outside, leaving the farmer and wife and skunk all cozy in the bed. The animals learn it's better to share than to have nothing. The illustrations are wonderful and the book is a combination of text and rhyme, perfect for reading aloud in funny voices.

Snore!

by Michael Rosen and Jonathan Langley (isbn 0006646395)

What's **worse** than a dog that snores? How about a dog that snores on a farm and keeps all the other animals awake? Join this bewildered group of barnyard animals as they search for a way to keep the dog quiet and get some sleep.

Other Night and Day Related Books:

Stellaluna

by Janelle Cannon (isbn 0152802177)

Zippping, Zapping, Zooming Bats

by Ann Earle and Henry Cole (isbn 006445133X)

Goodnight Moon

by Margaret Wise Brown and Clement Hurd (isbn 0064430170)

What the Sun Sees, What the Moon Sees

by Nancy Tafuri (isbn 0688144934)

The Napping House

by Audrey Wood and Don Wood (isbn 0152567089)

The Napping House Wakes Up (Pop Up)

by Audrey Wood and Don Wood (isbn 015200890X)

The Bye-Bye Pie

by Sharon Jennings and Ruth Ohi (isbn 1550414054)

Good-Night Owl!

by Pat Hutchins (isbn 0689713711)

How Many Stars in the Sky?

by Lenny Hort and James Ransome (isbn 068815218X)

The Night Worker

by Kate Banks and Georg Hallensleben (isbn 0374355207)

Night Tree

by Eve Bunting and Ted Rand (isbn 0152001212)

The Baby Beebee Bird

by Diane Redfield Massie and Steven Kellogg (isbn 0060280832)

The Biggest Bed in the World

by Lindsay Camp and Jonathan Langley (isbn 0060286873)

Froggy Gets Dressed

by Jonathan London and Frank Remkiewicz (isbn 067087616X)

Daddies Are for Catching Fireflies (Lift-the-Flap)

by Harriet Ziefert and Cynthia Jabar (isbn 0140565531)

Ten Flashing Fireflies

by Philemon Sturges and AnnaVojtech (isbn 1558586741)

Sunrise

by Helena Clare Pittman and Michael Rex (isbn 0152016848)

Horatio's Bed

by Camilla Ashforth (isbn 0613136659)

Bedbugs

by Megan McDonald and Paul Brett Johnson (isbn 0531301931)

Sun Up, Sun Down

by Gail Gibbons (isbn 0833512617)

The Dark

by Robert Munsch and Michael Martchenko (isbn 1550374508)

The Dark at the Top of the Stairs

by Sam McBratney and Ivan Bates (isbn 0763604178)

Secret Dawn

by Edith Newlin Chase and Yolaine Lefebvre (isbn 1552090280)

Don't Wake Up Mama!

Another Five Little Monkeys Story by Eileen Christelow (isbn 0395764793)

Moongame

by Frank Asch (isbn 0689835183)

One Lighthouse, One Moon

by Anita Lobel (isbn 0688155391)

Going to Sleep on the Farm

by Wendy Cheyette Lewison and Juan Wijngaard (isbn 0803710968)

And If the Moon Could Talk

by Kate Banks and Georg Hallensleben (isbn 0374302995)

Ten Minutes Till Bedtime

by Peggy Rathmann (isbn 039923103X)

Who Is Sleeping in Aunty's Bed?

by Kathy Stinson and Robin Baird Lewis (isbn 0195408527)

You and Me

by Giovanni Manna (isbn 1841482633)

How Big Is a Pig?

by Clare Beaton and Stella Blackstone (isbn 1841480770)

It Looked Like Spilt Milk

by Charles G. Shaw (isbn 0064431592)

Shadows and Reflections

by Tana Hoban (isbn 0688070892)

Black on White

by Tana Hoban (isbn 0688119182)

White on Black

by Tana Hoban (isbn 0688119190)

Earth, Sky, Wet, Dry

by Durga Bernhard (isbn 053130213X)

There's a Nightmare in My Closet

by Mercer Mayer (isbn 0140547126)

Sci-Tech Connections for Young Learners

Mem Fox

Mem Fox Book Connections:

Koala Lou

by Mem Fox and Pamela Lofts (isbn 0152000763)

Koala Lou's mother becomes so busy raising her family that she forgets to tell her first-born how much she loves her. So Koala Lou enters the Bush Olympics, determined to win an event and her mother's love at the same time.

Shoes from Grandpa

by Mem Fox and Patricia Mullins (isbn 053107031X)

Jessie, an active girl of nine or so, is growing out of her clothes, and all the members of her large and loving family get carried away in their eagerness to provide her with a new wardrobe. As each of Jessie's relatives gets into the act, the rhythmic, cumulative tale builds momentum. Finally, she tactfully speaks her mind: "You're all so kind that I hate to be mean, but please, would one of you buy me some jeans?"

Hattie and the Fox

by Mem Fox and Patricia Mullins (isbn 0689716117)

Hattie, a big black hen, discovers a fox in the bushes, and her discovery causes various reactions in the other barnyard animals.

Night Noises

by Mem Fox and Terry Denton (isbn 0152574212)

Lily Laceby is nearly 90 and lives in a remote cottage with her dog, Butch Aggie. One wild winter night she drifts off to sleep. As Lily dreams peacefully of bygone days, Butch Aggie stirs, hackles raised, hearing strange noises. Who could be out on such a night? But Lily opens the door to a lovely surprise. This is a delightfully suspenseful story that children will enjoy again and again.

Other Mem Fox Related Books:

Straight Line Wonder

by Mem Fox and Marc Rosenthal (isbn 1572552050)

A Piece of String Is a Wonderful Thing

by Judy Hindley and Margaret Chamberlain (isbn 1564021475)

Mem Fox Reads (audiotape)

by Mem Fox (isbn 0152531734)

Harriet, You'll Drive Me Wild!

by Mem Fox and Marla Frazee (isbn 0152019774)

Do Pirates Take Baths?

by Kathy Tucker and Nadine Bernard Westcott (isbn 080751697X)

Everything I Know About Pirates

by Tom Lichtenheld (isbn 0689826257)

Hopscotch Around the World

by Mary D. Lankford and Karen Milone (isbn 0688147453)

Sleepy Bears

by Mem Fox and Kerry Argent (isbn 0152020160)

Time for Bed

by Mem Fox and Jane Dyer (isbn 0152881832)

Whoever You Are

by Mem Fox and Leslie Staub (isbn 0152007873)

Zoo Looking

by Mem Fox and Candace Whitman (isbn 1572550104)

Possum Magic

by Mem Fox and Julie Vivas (isbn 0152632247)

I Went Walking

by Sue Williams and Julie Vivas (isbn 0152004718)

Tough Boris

by Mem Fox and Kathryn Brown (isbn 0152896120)

Wilfrid Gordon McDonald Partridge

by Mem Fox and Julie Vivas (isbn 0140505865)

Knots on a Counting Rope

by Bill Martin Jr., John Archambault, J. Clarke, and Ted Rand (isbn 0805054790)

A Cat Called Kite

by Mem Fox (isbn 0908643381)

New Shoes, Red Shoes

by Susan Rollins (isbn 0531302687)

Shoes

by Elizabeth Winthrop and William Joyce (isbn 0064431711)

A Bedtime Story

by Mem Fox and Elivia Savadier (isbn 1572551364)

Wombat Divine

by Mem Fox and Kerry Argent (isbn 0152020969)

Boo to a Goose

by Mem Fox and David Miller (isbn 0803722745)

Guess What?

by Mem Fox and Vivienne Goodman (isbn 0152004521)

Sophie

by Mem Fox and Aminah B. Robinson (isbn 0152015981)

The Important Book

by Margaret Wise Brown and Leonard Weisgard (isbn 0060207205)

Sci-Tech Connections for Young Learners

Snails and Shells

Snails and Shells Book Connections:

Moving Day

by Robert Kalan and Yossi Abolafia (isbn 0688139493)

A hermit crab searching for a bigger shell finds them all too wide, too rough, or too fancy until he discovers one just like his old shell, with room to grow. Eye-catching watercolors show a watery world of kissing fish, seahorses, and coral.

Franklin in the Dark

by Paulette Bourgeois and Brenda Clark (isbn 0808590391)

A turtle afraid of small dark places, and therefore of crawling into his shell, asks a variety of animals for advice, only to find out that each has a fear of its own.

Peek at a Pond

by Neecey Twinem (isbn 044841953X)

Who hides under slippery rocks? What's behind those floating logs? Lift the flaps to find out. Fish, frogs, water snakes, and more abound in this close-up look at slithering, squiggling pond life.

Snail Trail

by Ruth Brown (isbn 0375806962)

Join Slimy Snail on an adventure that takes him around the backyard and brings him face to face with all sorts of obstacles: Up a hill (very steep!). Over a bridge (very high!). Down a slope (very slippery!). Here's a snail's-eye view of the backyard.

Other Snail and Shell Related Books:

The Snail's Spell

by Joanne Ryder and Lynne Cherry (isbn 0140508910)

Slugs and Snails

by Theresa Greenaway, Chris Fairclough, and Jim Chanell (isbn 0817242074)

Are You a Snail?

by Judy Allen and Tudor Humphries (isbn 0753452421)

Slugs and Snails

by Sally Morgan (isbn 1929298811)

The Snail House

by Allan Ahlberg and Gillian Tyler (isbn 0763607118)

Snail

by Lynda P. Halley and Charlie Fuge (isbn 0761302433)

Some Smug Slug

by Pamela Duncan Edwards and Henry Cole (isbn 0064435024)

Turtles and Snails

by Gallimard Jeunesse and Gilbert Houbre (isbn 0590117645)

Mr. Carey's Garden

by Jane Cutler and G. Brian Karas (isbn 039568191X)

How Many Snails? A Counting Book

by Paul Giganti Jr., Donald Crews, and Amy Cohn (isbn 0688136397)

Is This a House for Hermit Crab?

by Megan McDonald and S.D. Schindler (isbn 0531070417)

A House for Hermit Crab

by Eric Carle (isbn 0887080561)

P. Hermit Claims a Castle

by Marcia Trimble and George Ulrich (isbn 1891577441)

Moonsnail Song

by Sheryl McFarlane and Sheena Lott (isbn 1551430088)

Tarquin's Shell

by Sally Chambers (isbn 0764150731)

A B Sea

by Bobbie Kalman (isbn 0865057257)

The Shell Book

by Barbara Hirsh Lember (isbn 0395720303)

Magic of Sea Shells

by Fredlee and Sandra D. Romashko (isbn 0893170100)

My Shell

by Lynne Patchett, Fiona Pragoff, Kay Davies, and Robert Pressling (isbn 0836811887)

The Best Book of Fossils, Rocks, and Minerals

by Chris Pellant (isbn 075345274X)

One Lonely Seahorse

by Saxton Freymann and Joost Elffers (isbn 0439110149)

Franklin (Various titles)

by Paulette Bourgeois and Brenda Clark

Fish Wish

by Bob Barner (isbn 0823414825)

Squish! A Wetland Walk

by Nancy Luenn and Ronald Himler (isbn 0689318421)

Here Is the Wetland

by Madeleine Dunphy and Wayne McLoughlin (isbn 0786821361)

Backyard (One Small Square)

by Donald M. Silver, Patricia J. Wynne, and Dianne Ettl (isbn 007057930X)

What's in the Tide Pool?

by Anne Hunter (isbn 0618015108)

What's in the Pond?

by Anne Hunter (isbn 0395912245)

What's Under the Log?

by Anne Hunter (isbn 0395754968)

Homer the Beachcomber

by Janet Pallazzo-Craig and Ben Mahan (isbn 0816710864)

Out of the Ocean

by Debra Frasier (isbn 0152588493)

The Seashore Book

by Charlotte Zolotow and Wendell Minor (isbn 0064433641)

The Seashore

by Gallimard Jeunesse, Elisabeth Cohat, and Pierre De Hugo (isbn 0590203037)

Insects Are My Life

by Megan McDonald and Paul Brett Johnson (isbn 053107093X)

The Grouchy Ladybug

by Eric Carle (isbn 0064434508)

The Biggest House in the World

by Leo Lionni (isbn 0394827406)

Kate's Castle

by Julie Lawson and Frances Tyrrell (isbn 0773758992)

One Duck Stuck

by Phyllis Root and Jane Chapman (isbn 0763603341)

Follow the Leader

by Erica Silverman and G. Brian Karas (isbn 0374324239)

Turtle Spring

by Deborah Turney Zagwyn (isbn 1883672538)

When Dad Fills in the Garden Pond

by Pam Ayres and Graham Percy (asin 0394804414)

This Is My House

by Arthur Dorros (isbn 0590728113)

A House Is a House for Me

by Mary Ann Hoberman and Betty Fraser (isbn 0140503943)

Teacher Resource:

Wetlands

by Pamela Hickman and Judie Shore (isbn 1550741268)

DK Handbooks: Fossils

by Cyril Alexander Walker and David J. Ward (isbn 1564580717)

Eyewitness Explorers: Shells

by Jennifer Coldrey and Deni Bown (isbn 0789429845)

How Shellmakers Build Their Amazing Homes (Animal Architects)

by W. Wright Robinson and Jennifer Dirubbio (isbn 1567113796)

Snails and Slugs (Nature Close-Up)

by Elaine Pascoe and Dwight Kuhn (isbn 1567111815)

Grade 1

1A: Me and My Senses

Books pertaining to unit:

Animal Senses: How Animals See, Hear, Taste and Feel

by Pamela Hickman and Pat Stephens (isbn 1550744259)

Animal Senses describes each of the five senses: sight, hearing, taste, smell, and touch and how the animals survive in the wilderness using their senses.

Flies Can Taste with Their Feet and Other Amazing Facts About Senses

by Helen Taylor and Stephen Sweet

You'd Never Believe It But ... series (isbn 076130861X)

Presents facts about the five senses, including information about how plants and animals sense their surroundings.

You Can't Smell a Flower with Your Ear

by Joanna Cole (isbn 0448404699)

Daily life examples are used to present some quite complicated scientific information about how the five senses work.

Magic School Bus Explores the Senses

by Joanna Cole and Mavis Smith (isbn 0590446975)

Ms. Frizzle's class helps the assistant principal track down their missing teacher in a magic school bus. As they whiz around looking for her, they travel through the eye of a policeman, the ear of a child, the nose of a dog and learn all about the five senses.

The Holes in Your Nose

by Genichiro Yagyu (isbn 0916291502)

This second book in the My Body Science series confronts the curiosity children have about the holes in their noses. Entertaining, informative, and helpful.

Cook-a-Doodle-Do!

by Janet Stevens and Susan Stevens Crummel (isbn 0152019243)

When four animal friends set out to bake a strawberry shortcake, Rooster finds the recipe in his great-grandmother's (the Little Red Hen) cookbook, but there is a problem – none of his friends know how to cook!

Books specific to an activity:

I Spy ... with All My Senses

My Five Senses

by Aliko (isbn 006445083X)

Five Senses

by Sally Hewitt (isbn 051621179X)

Knowing About Noses

by Allan Fowler (isbn 051626480X)

Pancakes for All the Senses

Pancakes for Breakfast

by Tomi DePaola (isbn 0156707683)

Pancakes, Pancakes

by Eric Carle (isbn 0689822464)

If You Give a Pig a Pancake

by Laura Joffe Numeroff (isbn 0060266864)

Sensing Is Believing

Through Grandpa's Eyes

by Patricia MacLachlan and Deborah Kogan Ray (isbn 0064430413)

Touching and Feeling

by Henry Pluckrose (isbn 0817252274)

Looking and Seeing

by Henry Pluckrose (isbn 0817252258)

An Apple by Any Other Name

Eating and Tasting

by Henry Pluckrose (isbn 0817252290)

The Better to Hear You

Listening and Hearing

by Henry Pluckrose (isbn 0817252266)

Sounds All Around

by Wendy Pfeffer and Holly Keller (isbn 0064451771)

1B: My Marvelous Machine

Books pertaining to the unit:

Everybody Has a Body: Science from Head to Toe/Activities Book for Teachers of Children Ages 3-6

by Robert Rockwell, Robert Williams, and Elizabeth Sherwood (isbn 0876591586)

This book serves an excellent purpose by introducing younger children to the five senses and the parts of the human body. Each chapter provides a solid foundation of science information before describing activities relating to a particular body part or function. Nursery rhymes, poetry, ideas, and intriguing facts add flavor to the text.

When I Grow Up ...

by Steven Walker (isbn 0140562435)

Baby animals can look very different from their parents. Children will enjoy using the simple clues to identify their favorite baby animals.

Why Do Animals Do That?

by Bobbie Kalman and Greg Nickles (isbn 0865056366)

Why do animals do that? Explains some of the most common animal activities and introduces some bizarre behaviors as well. Color photos and illustrations show each animal's strange specialty.

Your Insides

by Joanna Cole and Paul Meisel (isbn 0698116755)

Sturdy overlays show muscles, bones, heart, lungs, stomach, intestines, brain, and nerves, in this fact filled children's anatomy book by the author of the Magic School Bus series.

Do the Doors Open by Magic?: and Other Supermarket Questions

by Catherine Ripley and Scot Ritchie (isbn 189568840X)

A tour of supermarket innovations reveals to curious young readers how food gets to a store, where fruit and vegetables grow in the winter, what holds Jell-O together, why eggs are different colors, and what makes soda water fizzy.

Books specific to an activity:

Me ... Outside

If I Didn't Have Elbows

by Sandi Toksvig and David Melling (isbn 1840890169)

Hello Toes! Hello Feet!

by Ann W. Paul and Nadine Westcott (isbn 0789424819)

Bare Naked Book

by Kathy Stinson and Heather Collins (isbn 0920303536)

Black, White, Just Right!

by Marguerite W. Davol and Irene Trivas (isbn 0807507857)

Black Is Brown Is Tan

by Arnold Adoff and Emily McCully (isbn 0064432696)

How Willy Got His Wheels

by Deborah Turner and Diana Mohler (isbn 0944875548)

My Buddy

by Audrey Osofsky and Ted Rand (isbn 080503546X)

Connections (Video)

National Film Board of Canada, Look Again Series, Volume I

Me ... Inside Out

The Body Book

by Shelley Rotner and Stephen Calcagnino (isbn 0531302563)

Inside the Body

by Anita Ganeri and Giuliano Fornari (isbn 0789409992)

Dem Bones

by Bob Barner (isbn 0811808270)

When I Was a Baby

When I Grow Up ...

by Steven Walker (isbn 0140562435)

Alligator Baby

by Robert Munsch and Michael Martchenko (isbn 0590211013)

Chimps Don't Wear Glasses

by Laura Numeroff and Joe Mathieu (isbn 0689801505)

Stellaluna

by Janell Cannon (isbn 0152802177)

Big or Little?

by Kathy Stinson and Robin Lewis (isbn 0920236324)

Does a Kangaroo Have a Mother, Too?

by Eric Carle (isbn 0060287683)

Getting to Know the Animals

Animal Homes

by Bobbie Kalman and Tammy Everts (isbn 0865057168)

Beastly Banquet: Tasty Treats for Animal Appetites

by Peggy Munsterberg (isbn 0803714823)

Furs, Feathers, and Flippers: How Animals Live Where They Do

by Patricia Lauber (isbn 0590450719)

Little Wonders: Animal Babies and Their Families

by Marilyn Baillie and Romi Caron (isbn 1895688310)

Side by Side: Animals Who Help Each Other

by Marilyn Baillie and Romi Caron (isbn 1895688566)

Polar Bear, Polar Bear, What Do You Hear?

by Bill Martin, Jr. and Eric Carle (isbn 0805053883)

Animal Journeys

by Joyce Pope and Phil Weare (isbn 0816727783)

A Gaggle of Geese: The Collective Names of the Animal Kingdom

by Philippa-Alys Browne (isbn 0689807619)

Each Living Thing

by Joanne Ryder and Ashley Wolff (isbn 0152018980)

Animals in Motion: How Animals Swim, Jump, Slither, and Glide

by Pamela Hickman and Pat Stephens (isbn 1550745751)

My Body Needs

The Edible Pyramid: Good Eating Every Day

by Loreen Leedy (isbn 0823412334)

The Gas We Pass: The Story of Farts

by Shinta Cho (isbn 0916291529)

Everyone Poops

by Taro Gomi (isbn 0916291456)

The Food We Eat (In My World Series)

by Bobbie Kalman and Susan Hughes (isbn 0865050953)

The Seven Silly Eaters

by Mary Ann Hoberman and Marlee Frazee (isbn 0152000968)

Good Enough to Eat: A Kid's Guide to Food and Nutrition

by Lizzy Rockwell (isbn 0060274344)

I Know Where My Food Goes

by Jacqui Maynard and Katharine McEwen (isbn 0763605050)

I Know How My Cells Make Me Grow

by Kate Rowan and Katharine McEwen (isbn 0763605026)

Where Does It Come From?

The Milk Makers

by Gail Gibbons (isbn 0027366405)

From Seed to Plant

by Gail Gibbons (isbn 0823410250)

Milk from Cow to Carton

by Aliko (isbn 0064451119)

This Is the Seed

by Alan Trussell-Cullen and Kelly Riley (isbn 0673363392)

Jody's Beans

by Malachy Doyle and Judith Allibone (isbn 0763606871)

Let's Find Out About Ice Cream

by Mary Ebeltoft Reid and John Williams (isbn 0590738003)

Make Me a Peanut Butter Sandwich and a Glass of Milk

by Ken Robbins (isbn 0590435507)

Tops and Bottoms

by Janet Stevens (isbn 0152928510)

1C: Me and the People and Places Around Me

Books pertaining to unit:

“Always Wear Clean Underwear!” and Other Ways Parents Say “I Love You”

by Marc Gellman and Debbie Tilley (isbn 0688144926)

This book reveals what your parents really meant when they said, “Clean your plate,” or “Say you’re sorry.” It is about being grateful, not being wasteful, about seeing food as a blessing. “Say you’re sorry” is really about being able to understand that you will make mistakes, and when you make those mistakes, you’ll try to fix them. It’s about cleaning up your messes and making things right. The list has 32 golden rules of becoming a grown-up (in more ways than just years). The book includes the dos and don’ts that we all grew up hearing (and trying to ignore).

Bein’ with You This Way

by W. Nikola-Lisa and Michael Bryant (isbn 1880000261)

An African-American girl visits the park and rounds up a group of her friends for an afternoon of fun and playground games. The children discover that despite their physical differences they are all really the same.

Friends

by Kim Lewis (isbn 0763603465)

Friends is the story of Sam and Alice, two young friends who learn the importance of cooperation and forgiveness. Set on a farm, the adventure begins when the two set off to investigate a clicking sound in the hen house and discover a newly laid egg. In looking after the egg, the two children learn valuable lessons in cooperation.

Beginnings: How Families Come to Be

by Virginia Kroll and Stacey Schuett (isbn 0807506028)

This book introduces six children who want to know “how they began.” When Reuben was born, his parents sputtered and sparkled “like fireworks.” Katherine Grace came from Korea after her adoptive parents made a “hundred phone calls, answered a million questions, and filled out a zillion papers.” Mark comes to live with Uncle Joe after his mother dies. Each child’s story retells conversations between children and parents, and features multicultural families.

I Want Another Little Brother: Poems About Families

by Pie Corbett and Anna Currey (isbn 0333762797)

A collection of poems all about families, with notes to teachers in the back.

Big Book of Families

by Catherine and Laurence Anholt (isbn 0763603236)

A collection of poems that celebrate families of all kinds. The illustrations are in watercolor and enhance the poems.

Hot, Cold, Shy, Bold: Looking at Opposites

by Pamela Harris (isbn 1550743228)

Young children have fun learning about opposites while exploring irresistible faces in Hot, Cold, Shy, Bold. This double delight of image and rhyme appeals to our universal fascination with faces. Both educational and fun, children learn the meanings behind common facial expressions.

Books specific to an activity:

Celebrating Me

All by Myself

by Mercer Mayer (isbn 0307119386)

Chrysanthemum

by Kevin Henkes (isbn 0688096999)

I Like to Be Little

by Charlotte Zolotow and Erik Blegvad (isbn 0064432483)

My Name Is Alice

by Jane Bayer and Steven Kellogg (isbn 0803701233)

Amazing Grace

by Mary Hoffman and Caroline Binch (isbn 0803710402)

Children Just Like Me

by Barnabas and Anabel Kindersley (isbn 155168019X)

*Family Ties***All Kinds of Families**

by Norma Simon and Joe Lasker (isbn 0807502820)

Families Are Different

by Nina Pellegrini (isbn 0823408876)

Beginnings: How Families Come to Be

by Virginia Kroll and Stacey Schuett (isbn 0807506028)

Who's Who in My Family?

by Loreen Leedy (isbn 0823411516)

Who's in a Family?

by Robert Skutch and Laura Nienhaus (isbn 188367266X)

My Wish for Tomorrow: Words and Pictures from Children Around the World

by Boutros Boutros-Ghali and Nelson Mandela (isbn 0688144551)

Josephina Hates Her Name

by Diana Engel (isbn 1558612181)

Tell Me Again About the Night I Was Born

by Jamie Lee Curtis and Laura Cornell (isbn 0590038397)

Sophie and the New Baby

by Laurence and Catherine Anholt (isbn080757550X)

*You've Got to Have Friends***My New Sandbox**

by Donna Jakob and Julia Gorton (isbn 0786801727)

A Friend for Little Bear

by Harry Horse (isbn 0763603422)

Charlie's Checklist

by Rory Lerman and Alison Bartlett (isbn 0333653106)

Hoppy and Joe

by Betty and Michael Paraskevas (isbn 0689821999)

*Special Places***Will There Be a Lap for Me?**

by Dorothy Corey and Nancy Poydar (isbn 0807591106)

My House

by Lisa Disimini (isbn 0805055169)

Patrick's Tree House

by Steven Kroll and Roberta Wilson (isbn 0027510050)

All the Places to Love

by Patricia MacLachlan and Mike Wimmer (isbn 0060210982)

The Best Place

by Susan Meddaugh (isbn 0395979943)

1D: Structures All Around

Books pertaining to unit:

Changes, Changes

by Pat Hutchins (isbn 0689711379)

Two wooden dolls rearrange wooden building blocks to form various objects.

The House I'll Build for the Wrens

by Shirley Neitzel and Nancy Winslow Parker (isbn 0688149731)

This appealing book offers a wonderful opportunity for children to learn the names of carpentry tools, see initiative at work, and have fun at the same time. The cumulative rhyme starts with a little boy holding up plans for the wren house he plans to build and each item he will use to construct it. Left-hand pages contain outline pictures of the essentials – toolbox, boards, hammer and nails, and paintbrush and paints.

Unbuilding

by David Macaulay (isbn 0395454255)

This fictional account of the dismantling and removal of the Empire State Building describes the structure of a skyscraper and explains how such an edifice would be demolished.

My Place

by Nadia Wheatley and Donna Rawlins (isbn 0916291545)

A unique, intimate history of Australia, featuring colorful illustrations and maps, the book starts in 1988 and works its way back two hundred years to 1788, telling the history of one community through the generations of children who have lived there.

The House Book

by Keith Duquette (isbn 0399231838)

From wall to wall and ceiling to floor, a house is made of many parts. The beautifully detailed artwork takes readers on a tour through a house, stopping in every room and examining all the features. Venture outside to find how all sorts of houses make a neighborhood. Children will enjoy poring over these inviting pictures and taking a new look at something they live with every day.

On a Building Site

by Henry Pluckrose and Teri Gower (isbn 053115355X)

Describes the earth moving machinery and construction equipment at work on a building site, focusing on the individual parts of machines that perform specific functions.

The Empty Lot

by Dale Fife and Jim Arnosky (isbn 0871568594)

Harry has come to look over a lot he's selling – his buyers plan a parking garage or a factory – but finds that the area already has plenty of tenants: a tree is an apartment house for birds; frogs and insects share the stream; children have built a tree house. Henry changes his sign to read: "Occupied Lot. P.S. Every square inch in use."

The Busy Building Book

by Sue Tarsky and Alex Ayliffe (isbn 0399231374)

The process of a skyscraper going up in a big city is described – from boarding off the site, the excavation, and the erection of the building's skeleton, to the dizzying work atop the steel girders, the laying of carpet, and the opening-day ceremony. Each of the large, bright paper-collage pictures contains a number of interesting labeled items, with an object often identified more than once on the page in an effort to help children recognize it from different perspectives. In addition, every page is peopled with construction workers, all hard at work.

Whose House Is This?

by Wayne Lynch (isbn 1551108615)

This book introduces children to birds, mammals, and reptiles from around the world and the homes they live in.

Books specific to an activity:*What's in a Shape?***Taking a Walk/Caminando: A Book in Two Languages**

by Rebecca Emberley (isbn 0316234710)

Shapes, Shapes, Shapes

by Tana Hoban (isbn 0688147402)

Cubes, Cones, Cylinders and Spheres

by Tana Hoban (isbn 0688153259)

A Triangle for Adaora

by Ifeoma Onyefulu and Meredith Mundy Wasinger (isbn 0525463828)

The Greedy Triangle

by Marilyn Burns and Gordon Silveria (isbn 0590489917)

Round and Square

by Miriam Schlein and Linda Bronson (isbn 1572557192)

Grandfather Tang's Story

by Ann Tompert and Robert A. Parker (isbn 0517885581)

Shapes

by Philip Yenawine (isbn 038530255X)

Architect of the Moon

by Tim Wynne-Jones and Ian Wallace (isbn 0888991509)

*A House Is a House***A House Is a House for Me**

by Mary Ann Hoberman and Betty Fraser (isbn 0140503943)

New Shoes for Silvia

by Johanna Hurwitz and Jerry Pinkney (isbn 068817115X)

When I'm Sleepy

by Jane Howard and Lynne Cherry (isbn 0140567593)

Mousekin's Golden House

by Edna Miller (isbn 0671662821)

The Umbrella Day

by Nancy E. Cooney and Melissa B. Mathis (isbn 0698115627)

Homes Around the World

by Bobbie Kalman (isbn 0865057095)

The Old Woman Who Lived in a Shoe

by Carolyn Ewing (isbn 048628686X)

*Build Me a ...***My House**

by Lisa Desimini (isbn 0805055169)

The House Book

by Keith Duquette (isbn 0399231838)

And So They Build

by Bert Kitchen (isbn 1564025020)

*Making It Work***The Magic School Bus and the Electric Field Trip**

Joanna Cole and Bruce Degen (isbn 0590446835)

Full of Energy

by Sally Hewitt and helaine Cohen (isbn 0516263919)

The Wind at Work: An Activity Guide to Windmills

by Gretchen Woelfle (isbn 1556523084)

All Our Boxes Form a ...

The House Book

by Keith Duquette (isbn 0399231838)

This Is Our House

by Michael rosen and Bob Graham (isbn 0763602906)

The Homes We Live in (Have You Noticed?)

by Sally Hewitt and Jane Rowe (isbn 0817246037)

The Dream House

by Pirkko Vainio (isbn 1558587497)

How a House Is Built

by Gail Gibbons (isbn 0823412326)

Housebuilding for Children

by Lester Walker (isbn 0879513322)

Roberto the Insect Architect

by Nina Laden (isbn 0811824659)

Homes on Water (House and Homes)

by Alan James (isbn 082252127X)

1E: *Me and Others*

Books pertaining to unit:

Home: A Collaboration of Thirty Distinguished Authors and Illustrators of Children’s Books to Aid the Homeless

by Michael J. Rosen, Franz Brandenburg, and Aliko (isbn 0064434702)

Thirty authors and illustrators contribute original stories, poems, and artwork that explore and illuminate the theme of belonging, either to a physical place or a group.

Grandpa’s Corner Store

by Dyanne Disalvo-Ryan (isbn 0688167160)

When a giant new supermarket moves into the neighborhood, Lucy’s grandpa plans to sell his store. But with the help of friends and neighbors, Lucy is determined to keep this from happening. A story of what can happen when the whole neighborhood gets involved.

Helping Out

by George Ancona (isbn 0395547741)

Children feel important when they can help an adult. This photographic book shows young children at work with adults, indoors and out.

Madlenka

by Peter Sis (isbn 0374399697)

Peeking out through a die cut window on the jacket, Madlenka invites the reader to enter her world. And what a world it is! On the surface, it looks like an ordinary city block, but as we meet Madlenka’s neighbors — the French baker, the Indian news vendor, the Italian ice cream man, the Latin American grocer, a retired opera singer from Germany, an African American school friend, and the Asian shopkeeper — and look through die cut windows to the images and memories they have carried from old country to new, we can see that Madlenka’s block is as richly varied as its inhabitants. And why is Madlenka going around the block, jumping for joy? Her tooth is loose and she wants everyone to know!

Community Helpers from A to Z

by Bobbie Kalman and Niki Walker (isbn 0865054045)

Real-life people grace the pages of this realistic ABC book. All kinds of people are represented along with the important jobs that they do.

Books specific to an activity:

Together Is Better

Tight Times

by Barbara Hazen (isbn 0808531409)

Uncle Willie and the Soup Kitchen (Reading Rainbow Book)

by Dyanne Disalvo-Ryan and Mira Reisberg (isbn 0688152856)

The Lady in the Box

by Ann McGovern and Marni Backer (isbn 1890515159)

Fly Away Home

by Eve Bunting and Ronald Himler (isbn 0395664152)

Farmers’ Market

by Paul Brett Johnson (isbn 0531300145)

The Little Red Hen

by Paul Galdone (isbn 0899193498)

Goldilocks and the Three Bears

by James Marshall (isbn 0140563660)

Tony’s Bread: An Italian Folktale

by Tomie dePaola (isbn 0698113713)

The Stinky Cheese Man and Other Fairly Stupid Tales

by Jon Scieszka and Lane Smith (isbn 067084487X)

Chicken Sunday

by Patricia Polacco (isbn 0698116151)

I Got a Family

by Melrose Cooper and Dale Gottlieb (isbn 0805055428)

People in My Neighborhood

Special People (Who Cares?)

by Rachael Letch and Pam Adams (isbn 0859533506)

Farmers (Community Helpers)

by Dee Ready (isbn 1560655119)

The Magic School Bus: At the Waterworks

by Joanna Cole (isbn 0590437399)

How a House Is Built

by Gail Gibbons (isbn 0823412326)

Night City

by Monica Wellington and Andrew Kupfer (isbn 0525459480)

Garbage Collectors (In My Neighborhood)

by Paulette Bourgeois and Kim Lafave (isbn 1550744402)

Let Me Help! (Real Kids Readers / Level 2)

by Louise Vitellaro Tidd and Dorothy Handelman (isbn 076132092X)

A New Coat for Anna

by Harriet Ziefert and Anita Lobel (isbn 0833512455)

What a Wonderful World

by Bob Thiele, Ashley Bryan, and George David Weiss (isbn 0689800878)

R and R

J. J. Versus the Babysitter

by John Himmelman (isbn 0816738009)

Martha's New Puppy

by Danielle Steele and Jacqueline Rogers (isbn 0385301669)

Pedrito's Day

by Luis Garay (isbn 0531095223)

Love You Forever

Robert N. Munsch and Sheila McGraw (isbn 1895565669)

I'm a Big Brother

by Joanna Cole and Maxie Chambliss (isbn 0688145078)

Can I Help?

by Marilyn Janovitz (isbn 155858904X)

A Day's Work

by Eve Bunting and Ronald Himler (isbn 0395845181)

No More Television

by Philippe Dupasquier (isbn 0862648912)

Never Talk to Strangers: A Book About Personal Safety

by Irma Joyce and S.D. Schinder (isbn 0307102319)

Getting Along

The Mountain Goats of Temlaham

by Elizabeth Cleaver and William Toye (isbn 0195403207)

The Big Storm

by Rhea Tregebov (isbn 1550740814)

I'm Safe on My Bike (I'm Safe Series)

by Wendy Gordon and Paul Gordon (isbn 1891596101)

Red, Yellow, Green: What Do Signs Mean?

by Joan Holub (isbn 0590134558)

I Live in a City (In My World)

by Bobbie Kalman (isbn 0865050708)

Out on the Ice in the Middle of the Bay

Peter Cumming and Alice Priestley (isbn 1550372777)

One Child

by Christopher Cheng and Steven Woolman (isbn 1566563305)

I Read Signs

by Tana Hoban (isbn 068807331X)

I Read Symbols

by Tana Hoban (isbn 0688166962)

1F: *My Natural World*

Books pertaining to unit:

Recycle: A Handbook for Kids

by Gail Gibbons (isbn 0316309435)

Explains the process of recycling from start to finish and discusses what happens to paper, glass, aluminum cans, and plastic when they are recycled into new products.

What's Alive

by Kathleen Weidner Zoehfeld and Nadine Bernard Westcott (isbn 0064451321)

Simple words and pictures introduce the basic concepts of classification in biology. This delightful book explains how you can tell if something is living or nonliving — an essential first skill in scientific sorting and classifying.

I Can Read About Seasons

by Robyn Supraner and David Henderson (isbn 0816747199)

Children can discover what causes the seasons of the northern hemisphere, and how living things are affected by them.

Guess Whose Shadow?

by Stephen R. Swinburne (isbn 1563977249)

Tells how shadows are created, describes night as a shadow on the earth, and gives children tangible reasons for why shadows vary in size, shape, and location. Photographs encourage them to take a close look at the world around them.

The Earth and I (A Gulliver Green Book)

by Frank Asch (isbn 0152004432)

A young boy celebrates his friend, the earth. Like other friends, they do things together: go for long walks, talk together, sing and dance, and, of course, play. The child helps the earth grow, and through its bounty it helps the boy grow. And when the earth is sad, encumbered by pollution, the child feels its pain. This appealing story gets right to the heart of a child's experience with nature and the relationship of the earth to its inhabitants.

Books specific to an activity:

All My Life's a Cycle

Tell Me a Season

by Mary McKenna Siddals and Petra Mathers (isbn 0395710219)

What the Sun Sees, What the Moon Sees

by Nancy Tafuri (isbn 0688144934)

What Is a Living Thing?

by Bobbie Kalman (isbn 0865058911)

The Turning of the Year

by Bill Martin and Greg Shed (isbn 0152010858)

The Quiet Little Farm

by Janet Kerr (isbn 0805058699)

Morning, Noon, and Night

by Jean Craighead George and Wendell Minor (isbn 0060236280)

Caps, Hats, Socks, and Mittens:

A Book About the Four Seasons

by Louise Borden (isbn 0833588540)

A Season for Everything

Snowy Flowy Blowy: A Twelve Months Rhyme

by Nancy Tafuri (isbn 0590189735)

Why Do Seasons Change?

by Terry Martin and Christopher Maynard (isbn 0590249851)

The Reason for the Seasons

by Gail Gibbons (isbn 0823412385)

Tell Me a Season

by Mary McKenna Siddals and Petra Mathers (isbn 0395710219)

Moonstick: The Seasons of the Sioux

by Eve Bunting and John Sandford (isbn 0064436195)

Wild Child

by Lynn Plourde and Greg Couch (isbn 0689815522)

Winter Waits

by Lynn Plourde and Greg Couch (isbn 0689832680)

Winter's Tale

by Ian Wallace (isbn 0888992866)

Run, Jump, Whiz, Splash

by Vera Rosenberry (isbn 0823413780)

As the World Turns

Bear Shadow

by Frank Asch (isbn 0833524526)

The Sun Is My Favorite Star

by Frank Asch (isbn 0152021272)

Clare and Her Shadow

by William Michaels (isbn 0208023011)

Grandmother and the Runaway Shadow

by Liz Rosenberg and Beth Peck (isbn 0152009485)

What Makes a Shadow? (Let's-Read-and-Find-Out Science, Stage 1)

by Clyde Robert Bulla and June Otani (isbn 0060229160)

Light and Shadow

by Myra Cohn Livingston and Barbara Rogasky (isbn 0823409317)

Morning, Noon, and Night

by Jean Craighead George and Wendell Minor (isbn 0060236280)

Grade 2

2A: On the Water

Books pertaining to unit:

The Green Ship

by Quentin Blake (isbn 0224046721)

A brother and sister climb a wall to discover a green ship. They imagine the bushes and trees as different parts of a ship. Each day a new adventure happens aboard their ship.

The Little Boat

by Kathy Henderson and Patrick Benson (isbn 0763603708)

Written in rhyme, the sounds and motion of the ocean are heard. A little boy is at the beach and finds a piece of styrofoam and builds a boat. The boat is set sail at sea and encounters other boats. The boat ends up on an island beach where a little girl finds it.

Miss Fishley Afloat

by Ted Staunton (isbn 1550740024)

Miss Fishley tells children the tale of her days on the high seas. There is a pirate raid, a shipwreck in a storm, and they must build a raft with a sail. This does not get them moving fast enough so they build a pedal-powered paddle boat.

Mr. Gumpy's Outing

by John Burningham (isbn 0140502548)

Mr. Gumpy is riding in his boat, and as he goes along, his animal friends want to come aboard. Everyone is happy until the animals act up in their usual manner and dump the boat.

Who Sank the Boat?

by Pamela Allen (isbn 0140509402)

A cow, a donkey, a sheep, a pig, and a tiny mouse go for a boat ride and they wonder who sank the boat.

The Stonehook Schooner

by Judith Christine Mills (isbn 1550137190)

More than anything else, Matthew wants to become a stonehooker like his father and grandfather. He wants to sail the graceful schooners laden with cargoes to the bustling ports on the distant shores of the Great Lakes. One day his father relents and takes Matthew on the schooner.

The Raft

by Jim LaMarche (isbn 0688139779)

Nicky is not one bit happy about spending the summer with his grandmother. But when he finds a raft, everything changes. As Nicky explores, the raft works a subtle magic, opening up the wonders all around him.

2B: We Are on Our Way

Books pertaining to unit:

Three Days on a River in a Red Canoe

by Vera B. Williams (isbn 0688040721)

Mother, Aunt Rosie, and two children take a three-day camping trip by canoe. One of the children describes in her own words and pictures the canoe trip. In her opinion, it is the next best thing to paddling yourself.

Morning on the Lake

by Jan Bourdeau Waboose (isbn 1550743732)

An Ojibwa boy and his grandfather take a canoe ride across a lake, climb a rocky cliff, and walk through a forest. They encounter a variety of animals on their way. The Ojibwa words and a tender respect for the land and the animals echo the author's heritage. As well, the lessons of intergenerational love and trust are universal and sweet.

Water

by Frank Asch (isbn 0152023488)

Introduces the diverse forms and uses of water and its essential role in our lives and that of our planet.

Magic School Bus: At the Waterworks

by Joanna Cole (isbn 0590403605)

Ms. Frizzle, a science teacher, drives the school bus into a cloud. The children are reduced to the size of water droplets and follow the course of water through the city's waterworks.

Water Dance

by Thomas Locker (isbn 0152012842)

Water in its many guises and the scientific process that commands the shape it takes – liquid, solid, and gas – are the subjects of this collection of paintings. A first-person narration covers the journey of water on its circular path, as streams, rivers, and oceans evaporate into fog and clouds, only to return to earth as rain. Detailed scientific explanations are available at the end of the book.

Rivers

by Andrew Haslam (isbn 071661751X)

Explores the rivers of the world and how they affect the Earth's landscape from their source to the sea.

River Story

by Meredith Hooper and Bee Willey (isbn 0763607924)

A river, no wider than your hand, bubbles to life high in the mountains. It rushes downhill, slipping over rocks, and skidding around corners. It skips past farms and later glides through cities until it reaches its ultimate destination. For every river has a beginning and every river has an end.

Books specific to an activity:

Mapping the Journey

Looking Down

by Steve Jenkins (isbn 0395726654)

Once Upon a Time Map Book

by B.G. Hennessy (isbn 0763600768)

Follow the Water from Brook to Ocean

by Arthur Dorrons (isbn 0064451151)

Ice Keepers

Solid, Liquid, or Gas

by Fay Robinson (isbn 0516460412)

What is the World Made of?

by Katherine Zoehfeld and Paul Meisel (isbn 0060271442)

A Snowy Day

by Ezra Jack Keats (isbn 0590733230)

It's All in a Container

Mr. Archimedes' Bath

by Pamela Allen (isbn 0140501622)

Let It Blow!

The Wish Wind

by Peter Ebyindson and Wendy Wolsak (isbn 0921827032)

The Most Beautiful Kite in the World

by Andrea Spalding (isbn 0889950539)

Air

by Maria Rius Baron (isbn 0812035976)

Where Does It Go?

The Magic School Bus (Wet All Over)

by Joanna Cole and Bruce Degen (isbn 0590508334)

Magic School Bus (Wet All Over) Video

Falling Water

Wonder of a Waterfall

by Allan Fowler (isbn 0516264834)

2C: Sink or Swim

Books pertaining to unit:

The Fishing Summer

by Teddy Jam (isbn 0888992858)

Polluted waters and reduced fish populations are environmental disasters the world over. To help children understand what such a loss means, the author tells the moving story of the world, not so long ago, when the seas were full of fish.

If We Could See the Air (Nature All Around)

by David T. Suzuki (isbn 0773756663)

One day at the beach, Megan and Jamey learn that, although the air is invisible, it is all around us, and it does amazing things. Without air, animals and plants could not live. Through the story and drawings, one learns all about the importance of the air.

One Less Fish

by Kim Michelle Toft (isbn 0881063231)

Tropical fish shimmer across the pages as this cautionary tale counts down from 12 to 0 warning of threats to a fragile ecosystem. One by one fish disappear — where have they gone? Will the fish come back?

River

by Debby Atwell (Illustrator) (isbn 0395935466)

With direct language and colorful paintings, Debby Atwell relates the changes that occur through the centuries along a riverbank, from the arrival of the first humans to the coming of the first settlers, from the industrial revolution to the present day. As the river flows, the country grows and progresses along its banks — sometimes for better and sometimes for worse. When overuse and carelessness finally take their toll, the river's natural beauty and resources are compromised.

Drop Around the World

by Barbara Shaw McKinney (isbn 1883220726)

A drop of rain is a drop of life — a drop of eternity. The author and illustrator take us on an “out of sight” journey from Maine to Mumbai, with just one raindrop as it touches plant, animal, and human life all around the world. Travelling with Drop, readers will see the world, inside and out, from solid, liquid, and vaporous viewpoints.

How Do You Lift a Lion?

by Robert E. Wells (isbn 0807534218)

Have you ever tried to lift a lion? Gravity makes it difficult, but you could do it with a lever. Lively text and watercolors make you laugh while you learn the functions of levers, wheels, and pulleys. Learn how to lift a lion, pull a panda, and deliver a basket of bananas to a baboon birthday party.

Books pertaining to unit:

We're All Wet!

What Makes it Rain?

by Keith Brandt and Yoshi Miyake (isbn 0893755834)

Washday on Noah's Ark

by Glen Rounds (isbn 0823408809)

Air

by Ken Robbins (isbn 0805022929)

Drip! Drop! How Water Gets to Your Tap

by Barbara Seuling and Nancy Tobin (isbn 0823414590)

Down Comes the Rain

by James Graham Hale and Frank Branley (isbn 006025338X)

What a Mess

The Magic School Bus: At the Waterworks

by Joanna Cole and Bruce Degen (isbn 0590437399)

Water, Water Everywhere

by Melvin Berger, Gilda Berger, and Bobbi Tull (isbn 157102042X)

There's a Hole in the ...

Elliot's Shipwreck

by Andrea Beck (isbn 1550746987)

It's Time to Roll Along

The Wheel

by Patricia Armentrout (isbn 1571031804)

The Inclined Plane

by Patricia Armentrout (isbn 1571031766)

2D: Lets Celebrate

Books pertaining to unit:

Children Just Like Me: Celebrations!

by Anabel Kindersley and Barnabas Kindersley (isbn 0789420279)

Harry Belafonte notes in his introduction, “Here is your opportunity to travel by book to nearly every corner of the globe ... [and] join children everywhere in celebrating important events in their lives.” In addition to photographs of traditional costumes and customs, each child from the wide range of countries represented gives a first-person account of how holidays are celebrated.

Play Mas’! A Carnival ABC

by Dirk McLean and Ras Stone (isbn 088776486X)

Taken from the vivid French Carnival tradition known as the Masquerade, or Mas’ for short, Play Mas’ occurs in many different cultures around the world — such as Africa, India, and Spain — and at all times of the year.

Light the Candle! Bang the Drum!: A Book of Holidays Around the World

by Ann Morris and Peter Linenthal (isbn 0525456392)

This bright nonfiction picture book serves as the perfect introduction for the very young to celebrations around the world. Each of the 24 holidays is illustrated with cut-paper pictures full to bursting with brilliant colors and bold shapes. Along with simple descriptions, these pictures convey the mood, symbols, and incredible diversity of the festivities.

How My Family Lives in America

by Susan Kuklin (isbn 0027512398)

5-year-old Sanu’s father is from Senegal while her mother was born and raised in Baltimore. Eric and his mom were born in New York City while his father is from Puerto Rico. April’s parents were born and raised in Taiwan. This book tells the story of how each of the three families impart a sense of ethnic identity to their children while living in America.

I’m in Charge of Celebrations

by Byrd Baylor and Peter Parnall (isbn 0689806205)

Baylor’s radiant prose-poem and Parnall’s illustrations combine to create a joyous celebration of the human spirit.

Holidays and Festivals Activities

by Bobbie Kalman (isbn 0865051224)

This is an entertaining collection of holiday activities and ideas for children. It features activities inspired by family celebrations and the milestones of growing up. The book takes a joyous look at special times of celebration around the world.

Gale Encyclopedia of Multicultural America

by Robert Dassanowsky (isbn 0787639869)

Essays on approximately 150 culture groups of the U.S.A., from Acadians to Yupiats, covering their history, acculturation and assimilation, family and community dynamics, language and religion.

Carnival of the Animals by Saint-Saëns

by Barrie Carson-Turner, Sue Williams, and Camille Saint-Saëns (isbn 0805061800)

The animals are having a carnival, and the guests are arriving. There are the majestic lion, the braying mules, the dancing elephant, and the bouncy kangaroos. Even the fossils join in with a fast and rattly dance. Everyone is invited! Nearly 150 years ago, the composer Camille Saint-Saëns was asked by his pupils to write a musical joke for them. He wrote the Carnival of the Animals, a piece people enjoyed so much that it has now become one of Saint-Saëns’s most famous works. This accessible commentary, in picture-book format, helps children follow each section of Saint-Saëns’s classic piece while they listen to the CD. Whimsical illustrations, a simple text, and evocative melodies create an ideal introduction for young children to the world of classical music.

The Spring Celebration

by Tina Umpherville and Christie Rice (isbn 0921827466)

Winter is a harsh season in northern Manitoba. In the remote community of Brochet, when the people see the first signs of the coming spring, they gather for an annual community celebration.

Little Pig's Bouncy Ball

by Alan Baron (isbn 0763601268)

When her ball bounces down the hill, Little Pig thinks Dan Dog has run off with it. Her tears begin a chain reaction, and soon Lucy Goose, Fat Hen, and other assorted friends join in the crescendo of voices. Dan Dog finally returns from retrieving the wayward ball and sets things right, only to have the action start over again.

Stop That Ball!

by Mike McClintock, Fritz Siebel, and Marshall McClintock (isbn 0394800109)

A boy's madcap adventures as he tries to retrieve his bouncing ball are told in "lively rhyming prose."

I Can Roll!

by Alain Crozon and Aurelie Lanchais (isbn 081182408X)

Lift the colorful flaps in this playful book to solve the riddles and reveal the identities of all kinds of things with wheels.

Books specific to an activity:***At the Carnival with a Bounce, Stretch, and Spin*****Why Do Balls Bounce?**

by Time-Life (isbn 0783509014)

Inclined Planes (Simple Machines)

by Michael S. Dahl (isbn 1560654473)

Ramps and Wedges

by Angela Royston (isbn 1575723212)

Tops and Yo-Yos and Other Spinning Toys (A Collector's Digest Book)

(isbn 0895380374)

Motion and Speed (Energy and Action)

by John Marshall (isbn 155916154X)

Ice Sculptures**How Cold Was It?**

by Jane Barclay and Janice Donato (isbn 1894222199)

Snow: Causes and Effects

by Philip Steele (isbn 0531109909)

Snow: Learning for the Fun of It

by John Bianchi and Frank B. Edwards (isbn 0921285094)

Snow Watch

by Cheryl Archer and Pat Cupples (isbn 155074190X)

Houses of Snow, Skin and Bones

by Bonnie Shemie (isbn 0887763057)

My Roots**Big Book of Families**

by Catherine and Laurence Anholt (isbn 0763603236)

Felix Travels Back in Time

by Annette Langen and Constanza Droop (isbn 0789200023)

The World Turns Round and Round

by Nicki Weiss (isbn 068817213X)

Where in the World ...?**On the Same Day in March: A Tour of the World's Weather**

by Marilyn Singer and Frane Lessac (isbn 0060281871)

USA (Festivals of the World)

by Elizabeth Berg and Karen Kwek (isbn 0836820282)

2E: Out and About With Nature

Books pertaining to unit:

Seven Blind Mice

by Ed Young (isbn 0399222618)

Seven mice explore a new item and report their perceptions of what the object is. The strategy of the last mouse helps to reveal the identity of the mysterious thing. This book explores ways to gain information about our environment.

Where Butterflies Grow

by Joanne Ryder and Lynne Cherry (isbn 0140558586)

In a field of lacy leaves, a small caterpillar hatches, grows, and sheds its skin, becoming a smooth, green creeper. It eats and changes some more, then in a sequence of remarkable close-ups, spins a silken sling in which to pupate — until it finally bursts forth as a brilliant black swallowtail butterfly.

Have You Seen Bugs?

by Joanne F. Oppenheim and Ron Broda (isbn 0590059637)

Rhyming verse accompanies detailed paper sculptures in this stunning book which gives readers a vivid view of the lives of bugs, from their shapes to the work they do.

Under a Stone (Small Worlds)

by Jen Green (isbn 0778701514)

Under a Stone describes the plant life and curious creatures that live under rocks in different climates around the world. A look under a stone on the prairies reveals the insects and lichen that live on the ground, the worms and fungi that live in the topsoil, and the animals and insects that burrow deep underground.

Before and After: A Book of Nature Timescapes

by Jan Thornhill (isbn 0792270932)

We are introduced to seven biomes, a coral reef, wetland, savannah, meadow, temperate forest edge, rain forest, and schoolyard. There are different spreads for each, showing each biome over a period of time. The book is almost like a puzzle as one looks for the changes over the year.

A Log's Life

by Wendy Pfeffer and Robin Brickman (isbn 0689806361)

After an oak tree falls in the forest, it has another life as home to a variety of creatures. As it decays over time, it provides food and shelter to porcupines, ants, mushrooms, salamanders, and many others, until it eventually turns into a mound of rich black earth.

Oddhopper Opera (A Bug's Garden of Verses)

by Kurt Cyrus (isbn 0689806361)

Put an ear to the ground for clicking, popping, snapping music of this garden grown wild.

The Other Way to Listen

by Byrd Baylor, Peter Parnall, and Louise Williams (isbn 0689810539)

When you know “the other way to listen,” you can hear wildflower seeds bursting open, you can hear rocks murmuring, and the hills singing, and it seems like the most natural thing in the world. Of course, it takes a lot of practice and you can't be in a hurry. In fact, most people never hear those things at all, but this book tells you about two people who did — one who was very good at it and one who took a long time learning.

I Took a Walk

by Henry Cole (isbn 0688151159)

This richly illustrated book takes you through woods and meadows and beside streams and ponds, where you discover, in fold-out panorama pages, butterflies and box turtles, wildflowers and water birds. When you're

done reading, you may well want to take your own walk, as the author suggests, and “find a place to sit and watch and listen.”

Canoe Days

by Gary Paulsen and Ruth Wright Paulsen (isbn 038532524X)

This book radiates the calmness of a summer day spent in a canoe. The natural world bustles around the canoeist — fish dart and feed underwater; animals bathe and hunt in the woods; birds and insects flit about overhead.

The Wise Woman and Her Secret

by Eve Merriam and Linda Graves (isbn 0689823819)

Renowned for her wisdom, an old woman is sought out by people who come from far and wide, eager to discover the secret source of her insights. “You will have to discover it for yourself,” she tells them, and so their search begins. But one little girl, who likes to wander and wonder, lag and linger, has already found the secret that eludes her elders.

Teacher resource:

The Sense of Wonder

by Rachel Carson and Nick Kelsh (isbn 006757520X)

Sharing Nature with Children

by Joseph Cornell (isbn 1883220734)

Teaching Kids to Love the Earth

by Marina Lachecki, et al (isbn 0938586424)

The Private Eye: “5X” Looking/Thinking by Analogy

by Kerry Ruef (isbn 0960543414)

Books specific to an activity:

Critters in Motion

Under a Stone (Small Worlds)

by Jen Green (isbn 0778701514)

Backyard (One Small Square)

by Donald M. Silver, Patricia J. Wynne, and Dianne Ettl (isbn 007057930X)

What’s Under the Log?

by Anne Hunter (isbn 0395754968)

Insects Are My Life

by Megan McDonald and Paul Brett Johnson (isbn 053107093X)

If At First You Do Not See

by Ruth Brown (isbn 0805010319)

The Snail’s Spell

by Joanne Ryder and Lynne Cherry (isbn 0140508910)

Amazing Anthony Ant

by Lorna and Graham Philpot (isbn 0679858989)

Collection Contraptions

The Raft

by Jim LaMarche (isbn 0688139779)

Around the Pond

by Ann Cooper and Dorothy Emerling (isbn 1570982236)

What’s in the Pond?

by Anne Hunter (isbn 0395912245)

What’s in the Meadow?

by Anne Hunter (isbn 0618015124)

Pond Year

by Kathryn Lasky and Mike Bostock (isbn 0763601128)

Nature's Ways

Pond Seasons

by Sue Ann Alderson and Ann Blades (isbn 0888992831)

Closer Look: Pond Life

by Barbara Taylor, Frank Greenaway, and Deni Bown (isbn 0789429705)

Pond (One Small Square)

by Donald M. Silver and Patricia Wynne (isbn 0070579326)

In the Small, Small Pond

by Denise Fleming (isbn 0805059830)

Around the Pond: Who's Been Here?

by Lindsay Barrett George (isbn 0688143768)

Squish! A Wetland Walk

by Nancy Luenn and Ronald Himler (isbn 0689318421)

I Went to the Bay

by Ruth Miller and Martine Gourbault (isbn 1550744984)

Little Country Town

by Jandelyn Southwell and Kay Choraó (isbn 0805057110)

Changes, Changes, Changes

Life in a Pond

by Allan Fowler (isbn 0516202189)

Marshes and Swamps

by Gail Gibbons (isbn 0823415155)

The Magic School Bus Hops Home: A Book About Animal Habitats

by Patricia Relf and Nancy W. Stevenson (isbn 0590484133)

It's a Frog's Life: My Story of Life in a Pond (Nature's Secrets Series)

by Steve Parker, Robert Morton, Robin Carter, Phil Bishop, and Paul Flemming (isbn 1575842505)

Growing Frogs

by Vivian French and Alison Bartlett (isbn 0763603171)

From Tadpole to Frog (Let's-Read-and-Find-Out Science, Stage 1)

by Wendy Pfeffer and Holly Keller (isbn 0064451232)

Are You a Snail?

by Judy Allen and Tudor Humphries (isbn 0753452421)

A New Butterfly: My First Look at Metamorphosis (My First Look at Nature)

by Pamela Hickman and Heather Collins (isbn 1550742027)

From Caterpillar to Butterfly (Let's-Read-and-Find-Out Science)

by Deborah Heiligman and Bari Weissman (isbn 0064451291)

Bug Book (Starting with Nature)

by Pamela Hickman and Heather Collins (isbn 1550746537)

A New Duck: My First Look at the Life Cycle of a Bird (My First Look at Nature)

by Pamela Hickman and Heather Collins (isbn 1550746138)

The Honey Makers

by Gail Gibbons (isbn 0688175317)

Have You Seen Birds?

by Joanne F. Oppenheim and Barbara Reid (isbn 0590270303)

Crickwing

by Janell Cannon (isbn 0152017909)

Insectopedia

by Douglas Florian (isbn 0739822012)

A Closer Look

Milo and the Magical Stones

by Marcus Pfister and Marianne Martens (isbn 1558586822)

The Lorax

by Dr. Seuss and Ted Danson (isbn 0679822739)

The Wump World

by Bill Peet (isbn 0395311292)

Castle Chaos (Ecological Tales Series)

by Jean-Pierre Guillet (isbn 2894350236)

Growing Up (It's Science)

by Sally Hewitt (isbn 0516211803)

I Know How My Cells Make Me Grow (Sam's Science)

by Kate Rowan and Katharine McEwen (isbn 0763605026)

*Critter Café***Everybody's Somebody's Lunch**

by Cherie Mason and Gustav Moore (isbn 0884481980)

Hungry Animals: My First Look at a Food Chain (My First Look at Nature)

by Pamela Hickman and Heather Collins (isbn 1550742043)

What Are Food Chains and Webs? (Science of Living Things)

by Bobbie Kalman and Jacqueline Langille (isbn 0865058881)

The Magic School Bus Gets Eaten: A Book About Food Chains

by Patricia Relf, Bruce Degen, Joanna Cole,

and Carolyn Bracken (isbn 0590484141)

I See Animals Hiding

by Jim Arnosky (isbn 0439232155)

No Accounting for Tastes

by Aileen Fisher (isbn 017635073X)

Pass the Energy, Please! (Sharing Nature With Children)

by Barbara Shaw McKinney and Chad Wallace (isbn 158469002X)

Who Eats What? Food Chains and Food Webs

by Patricia Lauber, Holly Keller, and Darlene McCampbell (isbn 0064451305)

Bugs for Lunch

by Margery Facklam and Sylvia Long (isbn 0881062723)

Grade 3

3A: The Twins Get All Charged Up

Books pertaining to unit:

That Magnetic Dog

by Bruce Whatley (isbn 0207184208)

Skitty is one little doggie with a magnetic personality: she has an unfailing ability to attract both food and people. That Magnetic Dog recounts a funny family story in which Skitty gets into all kinds of trouble and fun.

Mr. Fixit's Magnet Machine

by Richard Scarry and Gail herman (isbn 0689816243)

Mr. Fixit is very proud of his latest invention. It's a huge magnet machine that grabs anything made of metal! Then, Mr. Frumble's car key, Hilda's roller skate, and the Busytown fire engine disappear! Hmm ... could Mr. Fixit's machine have something to do with the missing objects?

Magnets

by Steve Parker (isbn 1859671799)

Describes different kinds of magnets, how they are used, and presents a variety of experiments and other activities involving magnetism.

Magnets (My World of Science)

by Angela Royston (isbn 1588102432)

What Makes a Magnet?

by Franklyn Mansfield Branley and True Kelly (isbn 0064451488)

Explains the properties and behavior of magnets to young science enthusiasts with entertaining illustrations and hands-on activities that include making a magnet and a compass.

Benjamin Franklin's Adventure with Electricity

by B. Birch and R. Bell Corfield (isbn 0812097904)

This is the true story of one man, his curiosity, and the discoveries he made because of it. Through his courageous experiments, he found how to protect people from the dangers of lightning and opened the way for later generations to harness electrical energy.

The New Way Things Work

by David Macaulay and Neil Ardley (isbn 0395938473)

Macaulay helps us understand, in a visual and humorous format, the way everyday gadgets work.

3B: The Twins Get Lost in Time

Books pertaining to unit:

Laura Ingalls Wilder: Pioneer and Author (Spirit of America, Our People)

by Judy Alter (isbn 1592960073)

The life and accomplishments of noted author and pioneer, Laura Ingalls Wilder.

As Far As I Can See: Meg's Prairie Diary (My America)

by Kate McMullan (isbn 0613530098)

When given a diary for her 9th birthday, Margaret Cora Wells, called Meg, expects to record her daily life in St Louis, Missouri. But when a cholera epidemic strikes and Meg's mother and sister fall ill, she and her brother are sent to their Aunt and Uncle's in the Kansas Territory. Used to city life, Meg finds the frontier full of adventure.

Maple Moon

by Connie Brummel Crook and Scott Cameron (isbn 0773760989)

When the first white people came to North America, the native people – who called the weeks of the sap run, the Maple Moon – shared their knowledge with them and saved the newcomers from starving. Connie Crook borrows elements from many traditional folk tales to present an enchanting account of how maple syrup might have been first discovered.

Laura: A Childhood Tale of Laura Secord

by Maxine Trottier and Karen Reczuch (isbn 0439987245)

Living on her family's farm is life that makes Laura happy. It is Laura's responsibility to care for the cow, Peg. When Peg wanders off to give birth Laura follows her deep into the forest, only to find that Peg has died, leaving her new calf alone and helpless. Darkness is falling, and Laura has a difficult journey through the forest and swamp ahead of her. Can she get herself and her calf safely home? A fictional tale.

How Would You Survive in the American West?

by Jacqueline Morley, David Salariya and David Dalsriya (isbn 0531153088)

If your family decided to trek through a vast wilderness to reach a new home, would you be able to last the journey? What ordeals would you face? Whom would you meet on the way? Find out in this book exactly how you would survive on the westward trail.

Early Schools

by Bobbie Kalman (isbn 0865050147)

At the time of early settlement, education in a school was a luxury the early settler could not afford. There were chores and tasks to be done on the farm and everyone had to work hard, including the children. This book traces these early hardships, the school day, and the consequences children faced at this time in our history.

Early Travel

by Bobbie Kalman (isbn 0865050082)

This book tells why the early settlers had to leave their homes. It outlines the routes the settlers took to arrive in the "new country," and the conditions they faced on the route and on arrival in their new land.

Early Stores and Markets

by Bobbie Kalman (isbn 086505004X)

This book contains a collection of photographs and artists' illustrations, depicting life in the trading post and the general store of the 17th and 18th century. The professions of the storekeeper, the goods sold, and the barter system are described.

Food for the Settler

by Bobbie Kalman (isbn 0865050120)

This book traces the growing, the harvesting, and the preservation of crops. It describes the raising of animals and the making of bread and butter by the pioneer family.

Early Village Life

by Bobbie Kalman (isbn 0865050104)

A collection of photographs and artists' illustrations traces the struggle of early life in the backwoods. Examples of people sharing resources, working together, and having a good time are depicted.

Daily Life in a Plains Indian Village 1868

By Michael Terry (isbn 0395945429)

Based on the activities of the Northern Cheyenne Indians in 1868, this book describes everyday life on the northern plains before widespread European settlement forced the Indians onto reservations. An excellent introduction to Plains Indian life in the mid 1800s.

Books specific to an activity:

A Journey Through Time

Covered Wagons, Bumpy Trails

by Verla Kay and S. D. Schindler (isbn 0399229280)

The Great St. Lawrence Seaway

by Gail Gibbons (isbn 0688069843)

The New Land: A First Year on the Prairie

by Marilyn Reynolds and Stephen McCallum (isbn 1551430711)

Home Sweet Home

The Patchwork Quilt

by Valerie Flournoy and Jerry Pinkney (isbn 0803700970)

Eight Hands Round: A Patchwork Alphabet

by Ann Whitford Paul and Jeanette Winter (isbn 0064434648)

Sam Johnson and the Blue Ribbon Quilt

by Lisa Campbell Ernst (isbn 0688115055)

The Log Cabin Quilt

by Ellen Howard and Ronald Himler (isbn 0823413365)

Selina and the Bear Paw Quilt

by Barbara Smucker and Janet Wilson (isbn 0517885786)

School Days

Classroom Games

by Bobbie Kalman and Heather Levigne (isbn 0865054703)

Pioneer Planting

Who Came Down That Road?

by George Ella Lyon and Peter Catalanotto (isbn 0531070735)

Winter Wonderland

Pioneer Projects

by Bobbie Kalman (isbn 0865054673)

Pioneer Crafts

Barbara Greenwood and Heather Collins (isbn 1550743597)

3C: How Does Your Garden Grow?

Books pertaining to unit:

The Rose Is My Garden

by Arnold Lobel and Anita Lobel (isbn 0688122655)

Start with a single rose. Add hollyhocks and marigolds, sunflowers and zinnias. Voilà! A quiet, tranquil, beautiful garden grows before your very eyes. But who's that hiding in the corner? This cumulative story is sure to be a perennial favorite with youngsters – and gardeners – everywhere.

Flower Garden

by Eve Bunting, Kathryn Hewitt, and Deborah Halverson (isbn 0152023720)

Simple rhyming text and bold, realistic illustrations evoke the excitement and love associated with flowers, birthdays, and surprises. Follow the progress of a little girl and her father as they purchase “a garden” and board the bus to carry it home.

The Surprise Garden

by Zoe Hall and Shari Halpern (isbn 0590100750)

“We’re planting the seeds for a surprise garden. Can you guess what we will grow?” So begins this charming picture book, as informative as it is appealing.

Planting a Rainbow

by Lois Elhert (isbn 0152626107)

Bold and exuberant pictures show the planting of a family garden. Bulbs, seeds, and seedlings grow into a brilliant rainbow of colorful flowers that are picked and carried home.

Growing Good

by Bernard Ashley and Anne Wilson (isbn 0747541493)

A heartwarming story about a group of neighbors who work together to create gardens in a vacant lot.

A Gardener’s Alphabet

by Mary Azarian (isbn 0618033807)

Revealing the variety of life underground, the bright comfort of a greenhouse on a winter’s day, or the anticipation of starting seeds indoors in early spring, this striking alphabet book celebrates the simple joys of gardening.

My First Garden

by Tomasz Bogacki (isbn 0374325189)

The plot sounds simple enough. A man on a train remembers his childhood and a garden he made in a courtyard. Below the surface, though, is a deeper story about expanding horizons, the healing power of nature, and the cyclical nature of life. A small boy lives in what appears to be a communal house in a European town. He and his friends play in the courtyard, to the constant annoyance of neighbors. When he is given a bicycle, he can finally explore places beyond his home. On one trip he discovers a field of wildflowers, which prompts him to turn the courtyard into a beautiful garden, like the garden his grandfather remembers.

Round the Garden

by Omri Glaser, Byron Glaser, and Sandra Higashi (isbn 0810941376)

A falling tear helps form a puddle, which evaporates to become a cloud, which makes the rain fall, which helps the garden grow, which produces an onion, which causes more tears!

Linnea’s Windowsill Garden

by Christina Bjork, Lena Anderson, and Joan Sandin (isbn 9129590647)

Linnea tells readers about her orange tree, shows how to take a cutting from a busy lizzie, and how to trim an avocado plant, in this fascinating exploration of her indoor garden.

The Dandelion's Life

by John Himmelman (isbn 0516264028)

The illustrations in this book capture each of the changes through which the dandelion passes as it progresses through its life cycle.

Farming

by Gail Gibbons (isbn 0823407977)

An introduction, in simple text and illustrations, to farming and the work done on a farm throughout the seasons.

Books specific to an activity:

Soil Sleuth

Log's Life

by Wendy Pfeiffer (isbn 0689806361)

The Living Earth

by Eleonore Schmid (isbn 0735813159)

Under the Ground (A First Discovery Book: Hidden World)

by Claude Delafosse and Pierre De Hugo (isbn 0590438131)

Soils Backyard (One Small Square)

by Donald M. Silver, Patricia J. Wynne, and Dianne Ettl (isbn 007057930X)

Deep Down Underground

by Olivier Dunrea (isbn 0027328619)

Houses of Adobe: Native Dwellings: The Southwest

by Bonnie Shemie (isbn 0887763308)

Composting

Log's Life

by Wendy Pfeiffer (isbn 0689806361)

Compost! Growing Gardens from Your Garbage

by Linda Glaser and Anca Hariton (isbn 0761300309)

How Do Your Seeds Grow?

A Seed Grows: My First Look at a Plant's Life Cycle

by Pamela Hickman and Heather Collins (isbn 1550742000)

From Seed to Plant

by Gail Gibbons (isbn 0823410250)

How a Seed Grows (Let's-Read-and-Find-Out Books)

by Helene J. Jordan and Loretta Krupinski (isbn 0064451070)

The Surprise Garden

by Zoe Hall and Shari Halpern (isbn 0590100750)

Jack's Garden

by Henry Cole (isbn 068815283X)

Jim and the Beanstalk

by Raymond Briggs (isbn 0140500774)

Grow It Again

by Elizabeth Macleod (isbn 1550745581)

The Seasons of Arnold's Apple Tree

by Gail Gibbons (isbn 0785796177)

This Is the Sunflower

by Lola M. Schaefer and Donald Crews (isbn 0688164137)

Getting to the Root of It

Tops and Bottoms

by Janet Stevens (isbn 0152928510)

Scarlette Beane

by Karen Wallace and Jon Berkely (isbn 0192723626)

Taking a Closer Look

Alison's Zinnia

by Anita Lobel (isbn 0688147372)

Native Medicines

by Root Woman and Dave (isbn 0969959502)

Keepers of Life: Discovering Plants Through Native American Stories

by Michael J. Caduto, Joseph Bruchac, and Carol Wood (isbn 1555913873)

My Name Is Georgia

by Jeanette Winter (isbn 015201649X)

Bumblebee, Bumblebee, Do You Know Me?

by Anne Rockwell (isbn 0060273305)

Botanist at Work

Old MacDonald Had an Apartment House

by Judi Barrett and Ron Barrett (isbn 0689817576)

Miss Rumphius

by Barbara Cooney (isbn 0140505393)

Linnea in Monet's Garden

by Christina Bjork (isbn 9129583144)

3D: The Twins Get Down to Business

Books pertaining to unit:

My Rows and Piles of Coins

by Tololwa Mollel and E.B. Lewis (isbn 0395751861)

In this charming African story, Saruni saves money so he can buy a bicycle to help his mother carry vegetables and firewood to sell. When his father gives him a bicycle, he puts the money toward a cart to help his mother. Mollel's story and Lewis's watercolor paintings show Tanzanian customs, landscapes, clothing, and body language with wonderfully accurate detail.

Everyday Structures from A to Z

by Bobbie Kalman (isbn 0865054177)

This book invites children to explore the wide variety of objects, shapes, and patterns in the world around them. Students will learn about structures made by people and those made by nature. *Everyday Structures from A to Z* also takes a comprehensive look at form versus function and how structures are made, and describes the different categories of structures in a simple, clear way.

I Wonder Why Tunnels Are Round and Other Questions About Building

by Steve Parker (isbn 1856975800)

Answers to questions that students might ask about structures.

Simple Machines

by Deborah Hodge, Adrienne Mason, and Ray Boudreau (isbn 1550743112)

Explore and investigate simple machines by learning about their function and how to make them with simple materials.

Levers (Early-Reader Science Simple Machines)

by Michael S. Dahl (isbn 1560654449)

Learn all about levers and their functions.

Tick-Tock

by Eileen Browne and David Parkins (isbn 1564026086)

Although cautioned specifically by her mother not to jump on the furniture, young Skip Squirrel promptly forgets her friend arrives. The two jump from chair to chair with wild abandon until Skip accidentally careens into the cuckoo clock, knocking it to the floor. Panic-stricken (Mom will be home in less than three hours) the two try desperately to get the clock fixed before 4 p.m. Of course, the cuckoo bird comes out of the clock by means of a mechanism – the lever.

Books specific to an activity:

It's Time to Sell

Charlotte's Web

by E. B. White (isbn 0064400557)

Farming

by Ann Love, Jane Drake, and Pat Cupples (isbn 1550748211)

Levers for the Puppets

Cuckoo/Cucu

by Lois Elhert (isbn 015200274X)

Pinocchio (DVD)

by Walt Disney (asin B00001QEE9/102)

Pinocchio

by Carlo Collodi (isbn 014036708X)

Marionettes and String Puppets Collector's Reference Guide

by Daniel E. Hodges (isbn 0930625943)

Making Puppets Come Alive: How to Learn and Teach Hand Puppetry

by Larry Engler and Carol Fijan (isbn 0486293785)

Simple Puppets from Everyday Materials

by Barbara MacDonald Buetter and Nancy Buetter (isbn 1895569354)

Load Lifter

Forces and Movement

by Peter Riley (isbn 0531153681)

Levers (Machines in Action)

by Angela Royston (isbn 1575723190)

Just a Little Bit

by Ann Tompert and Lynn Munsinger (isbn 039577876X)

Coming Together at Our Country Stall

Come to the Fair

by Janet Lunn and Gilles Pelletier (isbn 0887764096)

Farmers' Market

by Paul Brett Johnson (isbn 0531300145)

Country Fair

by Elisha Cooper (isbn 0688155316)

Market Day

by Eve Bunting and Holly Berry (isbn 0064435172)

Meet Me at the Fair: Country, State, and World's Fairs and Expositions

by Judy Alter (isbn 0531203077)

Going to the Fair

by Sheryl McFarlane and Sheena Lott (isbn 1551430622)

Grade 4

4A: A Visit to a Castle

Books pertaining to unit:

Machines

by Chris Oxlade and Nick Hawken (isbn 0836821637)

Photographs and drawings of a variety of machines including pulleys and gears. The book includes both hands-on projects and practical everyday applications.

The Pulley

by Patricia Armentrout (isbn 1571031782)

One book in a series about simple machines. Photographs and simple text describe such things as fixed and movable pulleys, mechanical advantage, block and tackle.

Castle Life

by Struan Reid (isbn 0817251197)

This book takes you on a tour of a medieval castle through photographs and drawings. Information related to food, entertainment, and health is also given.

Castle Under Siege

by Richard Dargie and Struan Reid (isbn 0817251200)

Photographs and drawings show how medieval castles were besieged. Weapons of both attack and defense are described.

How Castles Were Built

by Peter Hicks (isbn 0817251219)

This book uses photographs and drawings to describe castle building from the earliest castles, which were made of wood, to the great stone castles made at the time of the crusades.

Castles

by Philip Steele (isbn 1856975479)

Bountiful information on medieval castles, including how they were designed, built, and defended against attack, as well as how the inhabitants lived, ate, dressed, and entertained.

The Middle Ages

by Andrea Bachini and Alessandro Baldanzi (isbn 0764109480)

Europe, from approximately the eleventh through the thirteenth centuries, is portrayed. One is introduced to the feudal system and the social hierarchies of both the church and kingdoms. Also covered are the crusades, and the building of cathedrals and castles.

Castle Diary: The Journal of Tobias Burgess

by Richard Platt and Chris Riddell (isbn 0763604895)

Eleven-year-old Tobias records his experiences serving as a page. During his first year at Strandborough Castle, Toby goes on a hunt, attends a feast, and helps with the harvest. The text contains interesting details of medieval life, but the diary format serves mainly as a vehicle for supplying historical information.

Minstrel in the Tower

by Gloria Skurzynski and Julek Heller (isbn 0394895983)

In the year 1195, eleven-year-old Roger and his eight-year-old sister, Alice travel through the French countryside in search of their ailing mother's estranged brother, a wealthy baron.

Adam of the Road

by Elizabeth Gray (isbn 0833508393)

The adventures of eleven-year-old Adam as he travels the open roads of thirteenth-century England searching for his missing father, a minstrel, and his stolen spaniel Nick.

The Castle in the Attic

by Elizabeth Winthrop (isbn 0440409411)

William has just received the best present of his life. It's an old, authentic wooden model of a castle, with a finger-high knight to guard the gates. It's the mysterious castle his housekeeper has told him about, and now it's his!

The Battle for the Castle

by Elizabeth Winthrop (isbn 0606069283)

Sequel to *The Castle in the Attic*.

Books specific to an activity:***The Life and Times*****Knights and Castles**

by Richard Dargie (isbn 0817251227)

Discovering Castle Days

by J. Bradley Cruxton and W. Douglas Wilson (isbn 0195413237)

Medieval Life

by Andrew Langley (isbn 0785790802)

A Medieval Feast

by Aliko (isbn 0064460509)

Knights in Shining Armor

by Gail Gibbons (isbn 0316300381)

Hieroglyphs from A to Z

by Peter Der Manuelian (isbn 0590400088)

Medieval Alphabets and Decorative Devices

by Henry Shaw (Editor) (isbn 0486404668)

4B: Light, Sound, Action ...

Books pertaining to unit:

Shadows and Reflections

by Tana Hoban (isbn 0688070892)

The color illustrations in this book show shadows and reflections of objects, animals, and people in a perceptive and unique “Hoban” way.

Mole Music

by David McPhail (isbn 0805028196)

Mole has always led a simple life, but he begins to think that something is missing. When he hears a violin playing for the first time, he longs to make beautiful music. At first, Mole can only make horrible screeching noises on the new violin he gets, but he practices and practices. Finally, his patience and dedication are rewarded. Mole creates a magical gift that unbeknownst to him has the power to erase hatred.

Animal Communication

by Phil Gates (isbn 0521499666)

How does a mother seal find her pup on a crowded beach? How does your dog let you know he’s not feeling well? This book tells you about some of the ways that animals can communicate with each other – and with us!

The Bat Boy and His Violin

by Gavin Curtis, Earl B. Lewis (Illustrator) (isbn 0689800991)

There’s nothing Reginald loves more than the music from his violin. But his father, manager of one of the worst baseball teams in the Negro Leagues, needs a bat boy, not a “fiddler.” Needing a place to practice, Reginald fills the dugout with music in his spare moments – and inspires a rally by the team that culminates in a showdown with the best team in the league.

Flashlight

by Betsy James and Stacey Schuett (isbn 0679879706)

Waking up in the dark at Grandpa’s house can be scary. Luckily for Marie, her grandfather comes to offer reassurance and a flashlight that will make the dark house a lot less spooky.

The Rockslide Rescue (The Shadowbox Kids, Book 8)

by Sandra L. Zaugg, Mark Ford, and Jerry D. Thomas (isbn 0816313873)

When Willie, who uses a wheelchair, and his grandfather are caught in a landslide, some of the other Shadowbox kids use Morse code in addition to prayers to help find and rescue them. The novel includes a transcription of Morse code and instructions for making a “butter tub” transmitter.

Big Talk

by Paul Fleischman and Beppe Giacobbe (isbn 0763606367)

Ghosts, gossip, and Grandma rockin’ are the diverse subjects of three knee-slapping, tongue-twisting poems intended for choral reading by two, four, or more people. Helpful hints at the beginning will easily jump-start students into a reader’s theater of rhythmic, repetitive sounds and phrases.

Marconi’s Battle for Radio (Science Stories Series)

by Beverley Birch and Robin Bell Corfield (isbn 0812097920)

Tells the history behind the discovery of radio waves and the eventual developments of radio, television, and laser communication.

Books specific to an activity:

Da da da ... SOUND!!!

A Screaming Kind of Day

by Rachna Gilmore (isbn 155041514X)

Getting the Beat

The Remarkable Farkle McBride

by John Lithgow and C. F. Payne (isbn 0689833407)

The Fabulous Song

by Don Gillmor and Marie-Louise Gay (isbn 0773760997)

The Orchestra

by Mark Rubin and Alan Daniel (isbn 0920668992)

Meet the Orchestra

by Ann Hayes and Karmen Thompson (isbn 0152002227)

Musical Instruments from A to Z

by Bobbie Kalman (isbn 0865054088)

Charlie Parker Played Be Bop

by Chris Raschka (isbn 0531070956)

*Sound on the Move***Always Inventing (A Photobiography of Alexander Graham Bell)**

by Tom L. Mathews (isbn 0792273915)

*Let There be Light***Fireflies! (Reading Rainbow)**

by Julie Brinckloe (isbn 0689710550)

Switch on the Night

by Ray Bradbury, Leo Dillon, and Diane Dillon (isbn 0375806083)

*Looking Through***Gregory's Shadow**

by Don Freeman (isbn 0670893285)

*Light's Magical Powers***Investigations: Cameras**

by Chris Oxlade and Alex Morrison (isbn 0754804550)

Opt: An Illusionary Tale

by Arline and Joseph Baum (isbn 0833527959)

The Little Giant Book of Optical Illusions

by Keith Kay (isbn 080691740)

M.C. Escher: The Graphic Work

by M.C. Escher (isbn 3822896349)

*Bending Light***'M' is for Mirror**

by Duncan Birmingham (isbn 0906212669)

Reflections

by Ann Jonas (isbn 0688061419)

Round Trip

by Ann Jonas (isbn 0688099866)

*Lights, Camera, Sound ... COLOR!!!***Hailstones and Halibut Bones: Adventures in Color**

by Mary Le Duc O'Neill and John Wallner (isbn 0385244843)

Growing Colors

by Bruce McMillan (isbn 0688131123)

Emma and the Silk Train

by Julie Lawson and Paul Mombourquette (isbn 1550746510)

My Many Colored Days

by Dr. Seuss (isbn 0679875972)

4C: Connecting the U.S.A.

Books pertaining to unit:

Shaping the Earth

by Dorothy Hinshaw Patent and William Muñoz (isbn 0395856914)

Ever since earth was formed it has been continuously shaped by dynamic forces. As a new millennium begins, conservation efforts are more important than ever for earth's survival.

By Truck to the North: My Winter Adventure

by Andy Turnbull and Debora Pearson (isbn 1550375512)

Writer Andy Turnbull has spent a career hitching rides with long-distance truck drivers, and *By Truck to the North* is the result of one of his greatest adventures. Large trucks are not equipped to cope with the harshness of the Arctic, and many of the communities that depend on food deliveries aren't accessible by road. Andy Turnbull takes readers on a remarkable ride by 18-wheeler to places other drivers simply won't go. Glorious photographs and historical sidebars add to the excitement for students.

The Raft

by Jim LaMarche (isbn 0688139779)

Imagine passing a summer drifting up and down a slow-moving river, watching as cranes, turtles, raccoons, otters, and ducks grow accustomed to your presence. Envision days spent poling the raft through lily pads and grasses, glimpsing foxes through the trees on shore. On hot, sticky nights, picture a tent set up on the raft, from which you have an unobstructed view of huge bucks drinking from the moonlit river. Nicky has no idea what he's getting into when his father drops him off for the summer at his grandmother's cottage in the woods. And he's not especially pleased at the prospect. "There's nobody to play with ... She doesn't even have a TV." But this "river rat" is not the normal kind of grandma. Without pushing, she quietly allows Nicky to discover for himself the wonders of river life.

Animal Defenses: How Animals Protect Themselves

by Etta Kaner and Pat Stephens (isbn 1550744216)

Learn how animals protect themselves in their natural habitats. *Animal Defenses* describes major defense mechanisms like camouflage, warning colors, bluffing, symbiosis, and protective covering. It also contains realistic illustrations and strange but true facts that teach students animal defenses.

Nanuk: Lord of the Ice

by Brian Heinz, Gregory Manchess, and Ellery Queen (isbn 0803721943)

Nanuk the polar bear roams the Arctic ice searching for food. Spying a seal, he stalks, kills, and eats it. Meanwhile, a boy leaves his igloo, harnesses his dogs to a hunting sled, and takes off across the snow toward the bear. Just as Nanuk drags another seal from the water, the hunter becomes the hunted, for the dogs attack the bear, and the boy's harpoon grazes his shoulder. After swimming through miles of icy water to safety, "Nanuk was free. And Nanuk was still Lord of the Ice." There's no sentimentality in this depiction of predators and prey in the Arctic, but a strong sense of nobility is evident.

Novels:

Owls in the Family

by Farley Mowat and Robert Frankenberg (isbn 0440413613)

A young boy lives in a rural district of the Canadian prairies. The book moves through the period of his childhood when he is about 10 to 12 years old. Each chapter relates an important or memorable incident at this time in his life.

Backyard Rescue

by Hope Ryden and Red Rand (isbn 0688154964)

Lindsay hates trapping mice in Greta's garage, but Troll, a screech owl, needs their bones and fur to stay alive. The girls hope his wing heals before the fish and game warden can get a search warrant. The two girls are determined to keep Troll and their other patients safe, even if running a backyard wildlife hospital means breaking the law.

Miracle at Willowcreek

by Annette Lebox (isbn 1896764045)

Tess is living with her mother and uncle in the house she loves; it belonged to her late grandfather, who passed on to her, his passion for sandhill cranes. She and three friends – including the famed local “Crane Woman” – become involved in protecting their wetlands habitat from urban development.

One Day in the Woods

by Jean Graighead George and Gary Allen (isbn 0064420175)

Pursuing her love for exploration, young Rebecca ventures into the forest in search of an ovenbird, a warbler reputed to be the wizard of the woods. Her adventurous day teaches her many secrets about the spring foliage and forest inhabitants.

Poppy

by Avi and Brian Floca (isbn 0380727692)

This story of bravery, persistence, and an overthrown tyrant features the heroine Poppy, a small deer mouse. She and her family live under the protection of Mr. Ocax, a great horned owl.

Books specific to an activity:

Getting to Know You

Alligator Pie

by Dennis Lee and Frank Newfeld (isbn 0771595913)

The Travel Tool

The Great St. Lawrence Seaway

by Gail Gibbons (isbn 0688069843)

East, West, North, and South

Yukon

by Lyn Hancock (isbn 1550412639)

Northwest Territories

by Richard W. Daitch (isbn 1550412655)

Salt Marsh

A Tidal Pool

by Philip Steele (isbn 0778701492)

Marshes and Swamps

by Gail Gibbons (isbn 0823415155)

What are Food Chains and Webs?

by Bobbie Kalman and Jaqueline Langille (isbn 0865058768)

Here Is the Wetland

by Madeleine Dunphy and Wayne McLoughlin (isbn 0786801646)

Swamp (One Small Square)

by Donald M. Silver and Patrick J. Wynne (isbn 0070579261)

Hungry Animals: My First Look at a Food Chain

by Pamela Hickman and Heather Collins (isbn 1550742043)

Everybody's Somebody's Lunch

by Cherie Mason and Gustav Moore (isbn 0884481980)

Pass the Energy Please! (Sharing Nature With Children)

by Barbara Shaw McKinney and Chad Wallace (isbn 158469002X)

Birds, Beasts, Bugs and Fishes /Little and Big: Animal Folk Songs

by Pete Seeger (asin B000001D05)

Ecosystem in Crisis?: A Look at Frogs

Alpine Meadow

by Paul Fleisher and Jean Cassels (isbn 0761408363)

The Hunt for Food

by Anita Ganeri and Graham Austin (isbn 0761303049)

4D: Unearthing It All

Books pertaining to unit:

Geology Book

by John D. Morris (isbn 0890512817)
A helpful resource for young geologist.

Amazing Pop-Up 3-D Time Scape

by Richard Plat, Stephen Biesty, and David Hawcock (isbn 0789447169)
An intricate, intriguing visual history of the world designed to hang on a wall, this amazing 3-D pop-up poster takes the viewer on an incredible journey across 10 billion years — from the Big Bang to today.

Geology Crafts for Kids: 50 Nifty Projects to Explore the Marvels of Planet Earth

by Alan Anderson, Gwen Diehn, and Terry Krautwurst (isbn 0806981571)
Children will learn about the broad spectrum of geologic phenomena — including plate tectonics, continental drift, minerals, volcanoes, earthquakes, rocks, crystals, mountain and valley formation, erosion, and fossils.

Our Patchwork Planet: The Story of Plate Tectonics

by Helen Roney Sattler and Giulio Maestro (isbn 0688093124)
A combination of illustrations and text makes it possible for readers to see the planet in an entirely new way.

The Pebble in My Pocket: A History of Our Earth

by Meredith Hooper and Chris Coady (isbn 0670862592)
A young girl holds a small pebble up and asks a simple question: “Where did you come from, pebble?” The book flashes back to the “beginning” of the earth’s long history.

First Painter

by Kathryn Lasky and Rocco Baviera (isbn 0789425785)
The moon of the singing grass has come and gone three times, and still there is no rain. Mishoo’s prehistoric clan is starving, her little sister’s arms are like twigs. Can a Dream Catcher bring them rain? Mishoo’s mother tells a sleeping Mishoo: “You are Dream Catcher. You must go to the cave of the she-tiger.” Mishoo dares to go — and there discovers rock that looks like dripping animal fat or like giant fangs from the saber-toothed tiger. Something stirs inside her. She picks up a charred stick from the fire and begins to draw the animal she sees buried in the stone. This powerful and strikingly original picture book provides a fascinating glimpse into the prehistoric world as it speculates on who the first painter might have been.

Books specific to an activity:

The Ever-Changing Landscape

Earthquake Terror

by Peg Kehret (isbn 0613068114)

Dinosaurs Walked Here and Other Stories Fossils Tell

by Pat Lauber (isbn 0689716036)

If You Are a Hunter of Fossils

by Byrd Baylor and Peter Parnall (isbn 0689707738)

Erosion: Earth’s Conditions Series

by Joshua Rutten (isbn 156766508X)

The Sun, the Wind and the Rain

by Lisa Westberg Peters and Ted Rand (isbn 0805014810)

The Amazing Earth Model Book: Easy-to-Make, Hands-on Models That Teach

by Donald M. Silver and Patricia J. White (isbn 0590930893)

Geology Rocks!: 50 Hands-on Activities to Explore the Earth

by Cindy Blobaum and Michael P. Kline (isbn 1885593295)

Eyewitness Activity Files: Volcano

(isbn 0789442787)

Earthquake! (Discovery Kids)

by Bill Haduch (isbn 0525462902)

Eyewitness: Volcano and Earthquake

by Susanna Van Rose and James Stevenson (isbn 0789457806)

The Volcano Disaster

by Peg Kehret and Samuel Beckoff (isbn 0671009680)

Eyewitness: Fossil

by Paul D. Taylor and Colin Keates (isbn 0789458403)

Like a Rock ... But What Kind of Rock?

Eyewitness: Rocks and Minerals

by R. F. Symes (isbn 0789458047)

Eyewitness: Crystal and Gem

by R. F. Symes, R. R. Harding, and Thomas Keenes (isbn 0789457644)

Everybody Needs a Rock

by Byrd Baylor and Peter Parnall (isbn 0689710518)

Investigations: Rocks and Minerals (Investigations)

by James Challoner and Rodney Walshaw (isbn 0754804577)

Vitamins and Minerals

by Joan Kalbacken and Sarah De Capula (isbn 0516263870)

1001 Questions Answered About the Mineral Kingdom

by Richard Maxwell Pearl (isbn 0486287114)

Minerals: Identifying, Learning About, and Collecting the Most Beautiful Minerals and Crystals

by Rupert Hochleitner (isbn 0812017773)

Hide and Sneak

by Michael Arvaarluk Kusugak and Vladlyana Krykorka (isbn 1550372289)

Sylvester and the Magic Pebble

by William Steig (isbn 0671662694)

Stone Wall Secrets

by Kristine Thorson, Robert M. Thorson, and Gustav Moore (isbn 0884481956)

The Treasures of the Earth

Growing Up in Coal Country

by Susan Campbell Bartoletti (isbn 0395979145)

Who Wants Rocks?

by Michael Arvaarluk Kusugak and Vladlyana Krykorka (isbn 1550375881)

When Is a Gear Not a Gear?

Bicycle Book

by Gail Gibbons (isbn 0823414086)

Bicycles (How It's Made)

by Arlene Erlbach and Jackie Urbanovic (isbn 0822597403)

The Big Bike Race

by Lucy Jane Bledsoe and Sterling Brown (isbn 0380728303)

The Great Bicycle Race Mystery (Boxcar Children, No 76)

by Gertrude Chandler Warner, Denise Shanahan, and Charles Tang (isbn 0807530492)

Gearing Around

Tick-Tock

by Eileen Browne and David Parkins (isbn 1564026086)

Pulleys and Gears (Simple Machines)

by David Glover (isbn 1575720841)

Grade 5

5A: Busy Bodies

Books pertaining to unit:

Amazing Pull-Out Pop-Up Body in a Book

by David Hawcock (isbn 078942052X)

Open this book to unfold an illustrated 5.25 ft (160 cm) tall, 3-D skeleton complete with bone and muscle details. Pop-up, pull-out flaps allows students to explore the brain, heart, and lungs in detail.

How the Body Works

by Steve Parker (isbn 0762102365)

A book that combines explanations of human organs and biological processes with experiments meant to enrich the process of learning anatomy.

Incredible Body

by Stephen Biesty and Richard Platt (isbn 0789434245)

Take a trip through the human body by way of incredibly detailed anatomical cross sections of everything from the circulatory system to the human brain.

Oxford Children's A to Z of the Human Body

by Bridget Ardley and Neil Ardley (isbn 0199100853)

The dictionary of the body. Discover parts of your body by using this dictionary of the body book. It describes where body parts are, how they function and discusses how our body grows and stays healthy.

The Magic School Bus: Inside the Human Body

by Joanna Cole and Bruce Degen (isbn 0590414275)

A special field trip on the Magic school bus allows Ms. Frizzle's class to get a firsthand look at major parts of the body and how they work.

My Wonderful Body

by Alexandra Parsons (isbn 0531144097)

Filled with facts about general anatomy, nutrition, and personal care but done in simple terms.

Ultimate Human Body

CD-ROM (Windows isbn 0789412047; Mac isbn 078941208X)

Eyewitness series. Students can use a 3-D scanner to explore the body, rotate its organs, and see how the body systems work, by easily switching back and forth between 3-D, 2-D, and X-ray views of the body.

Changing the Pattern

by Sydell Waxman and Linda Potts (isbn 0929141431)

The inspirational story of Canada's first female doctor, Emily Stowe, is simply and effectively told here — her determination, the problems she faced in attaining an education, and the effect her success had on other women.

Books specific to an activity:

The Inside Story

The Cell Works: Microexplorers: An Expedition into the Fantastic World of Cells

by Patrick A. Baeuerle and Norbert Landa (isbn 0764150529)

Cells Are Us (Cells and Things)

by Fran Balkwill and Mic Rolph (isbn 0876146361)

Your Body's Heroes and Villains

by Patrick A. Baeuerle and Norbert Landa (isbn 0764150510)

On The Move

Muscles: Our Muscular System

by Seymour Simon (isbn 0688146422)

The Nervous System

by Darlene Stille (isbn 0516204459)

Carrying the Load

Bones: Our Skeletal System

by Seymour Simon (isbn 0688146449)

Big Book of Bones

by Claire Llewellyn (isbn 0872265463)

Take a Breather

Respiratory System

by Alvin Silverstein, Virginia Silverstein, and Robert Silverstein (isbn 0805028315)

Respiratory System

by Darlene Stille (isbn 0516262769)

Get to the Heart of It

Heart: Our Circulatory System

by Seymour Simon (isbn 0688114075)

Circulatory System

by Darlene Stille (isbn 0516262610)

Healthy Body Cookbook

by Joan D'Amico, Karen Eich Drummond, and Tina Cash-Walsh (isbn 0471188883)

Water, Water Everywhere

Exercise and Your Health

by Jillian Powell (isbn 0817249273)

Excretory System

by Alvin Silverstein, Virginia Silverstein, and Robert Silverstein (isbn 080502834X)

5B: It's a Matter of Change and Energy

Books pertaining to unit:

Water Dance

by Thomas Locker (isbn 0152012842)

Water in its many guises, and the scientific process that commands the shape it takes (liquid, solid, and gas) are the subjects of this collection of paintings. A first-person narration covers the journey of water on its circular path, as streams, rivers, and oceans evaporate into fog and clouds, only to return to earth as rain. Detailed scientific explanations are available at the end of the book.

A Drop of Water: A Book of Science and Wonder

by Walter Wick (isbn 0590221973)

Filled with stop-action and close-up photography, this book features such images as a single snowflake and a falling drop of water, accompanied by introductions to such concepts as evaporation and condensation.

The Drop in My Drink: The Story of Water on Our Planet

by Meredith Hooper and Chris Coady (isbn 0670876186)

This explanation of the role of water on earth includes the formation of the planet, the importance of water in sustaining life since its beginning, and the water cycle. The illustrations, which mainly feature plant and animal life, are generally undistinguished. Statements on the importance of conservation and facts about water are located at the end of the book.

Common Ground: The Water, Earth, and Air We Share

by Molly Bang (isbn 0590100564)

Conservation and responsibility for our shared natural resources is the heart of an allegory that inspires respect for the environment, described tidily in simple terms. Once upon a time, villagers could bring sheep to a commons, "common ground" to everyone in the village. The eventual outcome (too many sheep and not enough grass) provides the historical example that is invoked repeatedly to explain problems and issues arising from present-day overuse of life-sustaining resources and global shortsightedness.

Nobody Particular: One Woman's Fight to Save the Bays

by Molly Bang and Diane Wilson (isbn 0805053964)

Erin Brockovich, an unassuming, working-class mom, a fourth-generation East Texas shrimper, "No education, no money, no clout." she says, turned her life upside down to fight the good fight against chemical plants that were destroying her livelihood and the bays she held dear.

Solids and Liquids (Young Discoverers)

by David Glover (isbn 1856979342)

Examines the composition and strength of materials, both solid and liquid, and features experiments, including chemical reactions.

Energy and Power (Young Discoverers)

by Rosie Harlow and Sally Morgan (isbn 1856976092)

This highly visual book starts off with basic information and gradually introduces more complex principles about energy and power.

Using Energy (Designs in Science)

by Sally Morgan and Adrian Morgan (isbn 0816029849)

Heat and solar energy, transforming energy to electricity, and fossil fuels are just a few of the topics covered in this comprehensive book.

Energy (Science Works)

by Steve Parker, Steve Roberts, and Clive Spong (isbn 0836819624)

Throughout there are colored illustrations, fact boxes, trivia, and the history of different forms of energy.

New Energy Sources (Saving Our World)

by Nigel Hawkes (isbn 0761312129)

Looks at different energy sources and how they affect the environment.

Eyewitness: Energy (Dorling Kindersley Eyewitness Books)

by Jack Challoner and Clive Streeter (isbn 0789455765)

Surveys various sources of energy and the ways in which they have been harnessed.

Books specific to an activity:

Go For Energy

Food and Your Health (Health Matters)

by Jillian Powell (isbn 0817249257)

Behind the Scenes

Soda Science: Designing and Testing Soft Drinks

by Bernie Zubrowski and Roy Doty (isbn 0688139833)

Take Away the Heat

Ice Cream Making and Cake Baking

by Bernie Zubrowski (isbn 0938587374)

Transforming Energy

The Digestive System: A True Book (True Books-Health)

by Darlene R. Stille (isbn 0516262629)

Profile of a Product

Trash Attack: Garbage, and What We Can Do about It

by Candace C. Savage (isbn 0920668739)

Town Hall Meeting

You Are the Earth: From Dinosaur Breath to Pizza from Dirt

by David T. Suzuki and Kathy Vanderlinden (isbn 1550547518)

5C: The Solution Is

Books pertaining to unit:

El Niño: Stormy Weather for People and Wildlife

by Caroline Arnold (isbn 0395776023)

This overview, illustrated with color photographs, uses data from El Niño events to explain how meteorologists monitor these periodic weather occurrences, and how marine life, birds, and mammals are affected for several years after each new episode. Although scientists have still not determined what causes this weather pattern, theories currently under consideration are discussed.

Eye of the Storm: Chasing Storms with Warren Faidley

by Stephen Kramer and Warren Faidley (isbn 0698117662)

Faidley is a storm chaser and photographer who has made a career of capturing on film, images of tornados, lightning storms, and hurricanes. Kramer describes Faidley's exciting and dangerous life: the special equipment he has designed; his preparation for shoots; the process of locating storms; the "chase" that he hopes will result in a photographic record for others to use and enjoy.

Eyewitness: Weather

by Brian Cosgrove, Karl Shone, and Keith Percival (isbn 0789457822)

Find out the causes of thunder, lightning, hurricanes, and tornadoes; how clouds are formed and what each kind portends; and why weather forecasters are seldom 100 per cent correct.

National Audubon Society First Field Guide — Weather (National Audubon First Field Guide)

by Jonathan D. Kahl (isbn 0590054880)

Most of us take weather for granted — except when it becomes extreme. This guide is your key to identifying and understanding weather phenomena.

Weather Explained: A Beginner's Guide to the Elements

by Derek M. Elsom (isbn 0805048758)

Weather — it's all around us, but sometimes we don't notice it; other times, it's all we can talk about. With an in-depth look at the way weather works, an exploration of the power of storms and extreme weather, and an investigation into how we make forecasts, *Weather Explained* provides the answers behind what we experience when we walk outdoors.

Building BIG

by David Macaulay (isbn 0395963311)

Takes us through the process of designing structures, beginning with the need through to the problems that the engineers and designers solve in the construction process.

Everyday Structures from A to Z

by Bobbie Kalman (isbn 0865054177)

This book takes a comprehensive look at form versus function, how structures are made, and describes the different categories of structures. Items featured include homes, famous structures, landforms, towers, and wheels.

The World's Greatest Buildings

by Henry J. Cowan, Bronwyn Hanna, John Haskell, Ruth Greenstein, and Mark Stiles (isbn 0737000821)

A fact-filled guide to some of the most intriguing and remarkable structures in the world. Included are profiles of well-known builders, architects, and engineers.

Stephen Biesty's Incredible Cross-Sections

Richard Platt and Stephen Biesty (isbn 0679814116)

A collection of drawings introduces the reader to the inner workings of some of the world's most fascinating structures.

Arches to Zigzags: An Architecture ABC

by Michael J. Crosbie, Steve Rosenthal, and Kit Rosenthal (isbn 0810942186)

Readers learn the ABCs of architecture, including arches, gargoyles, hinges, I-beams, urns, and zigzags. Questions stimulate the thinking about the structural world around them in a creative, thought-provoking way.

Fog Magic

by Julia Sauer (isbn 0140321632)

A child of Nova Scotia who loves the fog is transported by it to a secret world of her own.

Cloudy With a Chance of Meatballs

by Judi Barrett and Ron Barrett (isbn 0689707495)

In Chewandswallow, meals rain from the sky at appropriate times of the day, but a change in the weather blows in massive problems.

Books specific to an activity:

Let's Talk Weather

Animals and the Seasons: The Cycle of Nature

by Susanne Riha (isbn 1567114296)

You Are the Earth: From Dinosaur Breath to Pizza from Dirt

by David T. Suzuki and Kathy Vanderlinden (isbn 1550547518)

Keepers of the Earth: Native American Stories and Environmental Activities for Children

by Michael J. Caduto, Joseph Bruchac, John Kahionhes Fadden, and Carol Wood (isbn 1555913857)

Designing the Station

How the Weather Works

by Michael Allaby (isbn 0762102349)

Water, Water All Around

Snow Crystals

by W. A. Bentley and W. J. Humphreys (isbn 0486202879)

Cloudland

by John Burningham (isbn 0517885891)

How Artists See the Weather: Sun, Wind, Snow, Rain

by Colleen Carroll (isbn 0789204789)

The Bridge to Weather

The Brooklyn Bridge

by Elizabeth Mann and Alan Witschonke (isbn 0965049302)

Bridges

by Etta Kaner and Pat Cupples (isbn 1550741462)

Bridges Are to Cross

by Philemon Sturges and Giles Laroche (isbn 069811874X)

Bridges

by Ken Robbins (isbn 0803709293)

Taking the Load Off

Inclined Planes (Simple Machines)

by Michael S. Dahl (isbn 1560654473)

Ramps and Wedges (Machines in Action)

by Angela Royston (isbn 1575723212)

Ramps and Wedges

by David Glover (isbn 1575720833)

Levers (Machines in Action)

by Angela Royston (isbn 1575723190)

Pulleying the Gears

Pulleys and Gears (Simple Machines)

by David Glover (isbn 1575720841)

Pulleys and Gears (Machines in Action)

by Angela Royston (isbn 1575723204)

Wheels and Axles (Simple Machines)

by Michael S. Dahl (isbn 1560654465)

Ancient Machines: From Wedges to Waterwheels

by Michael Woods and Mary B. Woods (isbn 0822529947)

Rube Goldberg, Move Over

Rube Goldberg: Inventions

by Maynard Frank Wolfe and Rube Goldberg (isbn 0684867249)

5D: In Ancient Times

Books pertaining to unit:

The Children’s Pictorial Atlas of Ancient Civilizations

by Neil Morris and Daniela De Luca (isbn 0773732365)

This atlas takes readers on an around-the-world tour of ancient civilizations with stops in Egypt, Rome, Greece, Japan, China, Mesopotamia, India, and Central and South America.

Rand McNally Historical Atlas of the World

(isbn 0528839691)

Eyewitness: Ancient Greece

by Anne Pearson and Nick Nicholls (isbn 0789465868)

Discover the world of the ancient Greeks — their legends and myths, heroes and gods, and the rich legacy of their civilization.

Eyewitness: Ancient Egypt

by George Hart, George Harrt, and Peter Hayman

(isbn 0789457849)

Life in ancient Egypt is richly imagined in detailed maps, architectural reconstructions, historical facts, and scenes from everyday life.

Eyewitness: Ancient China

by Arthur Cotterell, Alan Hills, and Geoff Brightling (isbn 0789458667)

Discover the history of Imperial China — from the building of the Great Wall to the days of the last emperor.

Eyewitness: Ancient Rome

by Simon James, Nick Nichols, and Christi Graham (isbn 0789457881)

Discover the glory that was Rome — the fascinating civilization and everyday life of the people, from emperors to slaves.

Eyewitness: Aztec, Inca, and Maya

by Elizabeth Baquedano and Michel Zabe (isbn 0789461153)

Discover the mysterious world of these ancient peoples — their beliefs, rituals, and complex civilizations.

Science in Ancient Greece

by Kathryn Gay (isbn 0531203573)

Discusses the theories of ancient philosopher-scientists Ptolemy, Pythagoras, Hippocrates, and Aristotle, and describes scientific discoveries and their applications in ancient times.

Spend the Day in Ancient Greece:

Projects and Activities That Bring the Past to Life

by Linda Honan and Ellen Kosmer (isbn 0471154547)

Technology in the Time of Ancient Greece

by Judith Crosher (isbn 0817248773)

The Kingfisher Book of the Ancient World

by Hazel Mary Martell (isbn 0753450097)

The ancient civilizations of 11 geographical regions from the Mediterranean and Fertile Crescent, the Middle and Far East, the Indus Valley, the Americas, Africa, Europe, and Oceania. Large, clearly labeled maps and a brief history of each region precede double-page spreads on each civilization.

The Sand-Reckoner

by Gillian Bradshaw (isbn 0312873409)

A moving, human account of Archimedes, one of the most intriguing thinkers of the ancient world.

Roman Antic

by David Macaulay (isbn 0395822793)

Macaulay takes the reader on a tour of the ancient and vibrant city of Rome.

Pyramid

by David Macaulay (isbn 0395321212)

David Macaulay shows in detail how the great Pharaohs' burial places were conceived and constructed.

Seeker of Knowledge: The Man Who Deciphered Egyptian Hieroglyphs

by James Rumford (isbn 039597934X)

Jean-François Champollion's dream was to sail up the Nile and uncover the secrets of the past. In 1802, when Champollion was 11 years old, he vowed to be the first person to read Egypt's ancient hieroglyphs. He faced great challenges over the next 20 years as he searched for the elusive key to the mysterious writing — and the fulfillment of his dream.

The Bird Who Cleans the World and Other Mayan Fables

by Victor Montejo and Wallace Kaufman (isbn 1880684039)

This short book reveals much about culture and values among the Jakalteq-Maya in Guatemala. The fables reinforce values of community, ecology, hard work, and respect for elders.

Aida

by Leontyne Price, Leo Dillon, Yoshi Miyake, and Diane Dillon (isbn 0152015469)

This tale of the Ethiopian princess-turned-slave, her soldier lover, and their inevitable tragedy is a favorite of opera singer Leontyne Price, who reveals her feeling of sisterhood with the doomed Aida in the book's afterword.

The Shipwrecked Sailor: An Egyptian Tale of Hieroglyphs

by Tamara Bower (isbn 0689830467)

This story is based on one found on a papyrus scroll of hieroglyphs from the nineteenth century b.c.e. It tells the tale of a voyage on the Red Sea to a mysterious and enchanted land of riches located south of Egypt.

Tutankhamen's Gift

by Robert Sabuda (isbn 0689817304)

A moving portrayal of the Egyptian boy-king Tutankhamen, son of Akehenaten, the ruler who abolished the many gods of Egyptian religion and proclaimed the sun god as the only true god. The story chronicles King Tut's struggle to reinstate the temples, monuments, and gods of the Egyptian people.

The Winged Cat: A Tale of Ancient Egypt

by Deborah Nourse Lattimore (isbn 0064434249)

An evil high priest drowns a servant girl's sacred cat after he trips over it. The Pharaoh, unsure who killed the cat, sends both the priest and the girl to the Netherworld for judgment. The rather complex story is accompanied by hieroglyphs and strikingly handsome illustrations in the style of ancient Egypt, but the pictures do not always reflect the narration.

Novels:

A Place in the Sun

by Jill Rubalcaba (isbn 0141301236)

After Senmut, son of a sculptor, accidentally kills a sacred dove, he is sentenced to grueling work in the gold mines. His skill at carving a statue of Sekhmet, goddess of healing, brings him to the attention of Ramses ii, who ultimately frees him.

The Golden Goblet

by Eloise Jarvis McGraw (isbn 0140303359)

Ranofar struggles to thwart the plottings of his evil uncle, Gebu, so that he can become a master goldsmith like his father in this exciting tale of ancient Egyptian mystery and intrigue. Newbery Honor Book.

The Egypt Game

by Zilpha Keatley Snyder and Alton Raible (isbn 0440422256)

The first time Melanie Ross meets April Hall, she's not sure they'll have anything in common. But she soon discovers that they both love anything to do with ancient Egypt. When they stumble upon a deserted storage yard behind the A-Z Antiques and Curio Shop, Melanie and April decide it's the perfect spot for the Egypt Game. Before long there are six Egyptians instead of two. After school and on weekends they meet to wear costumes, hold ceremonies, and work on their secret code.

Magnificent Mummy Maker

by Elvira Woodruff (isbn 0590457438)

Tired of being compared with his brilliant 10-year-old stepbrother, Andy Manotti resigns himself to mediocrity. When the fifth grade classes visit the local museum, he feels a strong and powerful link to an Egyptian mummy display. Back at school, Andy draws an exquisite picture of a mummy case and soon finds that it has the power to grant him wishes.

Books specific to an activity:

Unearthing the Past

The Atlas of the Classical World: Ancient Greece and Ancient Rome (Atlas Series)

by Piero Bardi, Matteo Chesi, Ferruccio Cucchiari, and Pieri Bardi (isbn 087226369X)

Atlas of Ancient Egypt (Atlas Series)

by Neil Morris, Anna Rosati, and Elena Gambino (isbn 0872266109)

Ancient Civilizations: 3000 bc–ad 500

(Time-Life Student Library, Vol. 4)

by the Editors of Time-Life Books (isbn 0783513526)

Ancient Civilizations (Exploring History)

by Philip Brooks (isbn 0754802116)

The Egyptian News

by Scott Steedman and Philip Steele (isbn 0763604232)

The Roman News

by Andrew Langley, Phillip Desouza, Anton Powell, and Philip Steele (isbn 0763603414)

The Greek News

by Anton Powell and Philip Steele (isbn 0763603406)

The Aztec News

by Philip Steele, Penny Bateman, and Norma Rosso (isbn 0763601152)

The Encyclopedia of Ancient Americas: Step into the World of Inuit, Native American, Aztec, Maya, and the Inca Peoples

by Jen Green, Fiona MacDonald, Philip Steele, and Michael Stotter (isbn 184215186X)

Step into Ancient Greece (Step into Series)

by Richard Tames (isbn 1859679161)

Ancient Civilizations of the Aztecs and Maya: Chronicles from National Geographic

by Arthur Meier Schlesinger and Fred L. Israel (isbn 079105103X)

Finding the Lost Cities: Archaeology and Ancient Civilizations

by Rebecca Stefoff (isbn 019509249X)

Philip II and Alexander the Great Unify Greece

by Don Nardo (isbn 0766013995)

Alexander the Great and Ancient Greece

by Miriam Greenblatt (isbn 0761409130)

The Past Lights Up

Archimedes and the Door to Science (Living History Library)

by Jeanne Bendick and Laura M. Berquist (isbn 1883937124)

Ancient Machines: From Wedges to Waterwheels

by Michael Woods and Mary B. Woods (isbn 0822529947)

The Seven Wonders of the Ancient World

by Hans Reichardt and Anne-Lies Ihme (isbn 1581850026)

The Librarian Who Measured the Earth

by Kathryn Lasky and Kevin Hawkes (isbn 0316515264)

Beacons of Light: Lighthouses

by Gail Gibbons (isbn 0688073794)

A Colossal Undertaking

Gods and Goddesses (Ancient Greece)

by John Malam (isbn 0872265986)

The Seven Wonders of the Ancient World

by Hans Reichardt and Anne-Lies Ihme (isbn 1581850026)

The World of Architectural Wonders

by Mike Corbishley, Carl Venton, and Mike Foster (isbn 0872262790)

Great Wonders of the World

by Russell Ash and Richard Bonson (isbn 0789465051)

Who Decides?

Ancient Civilizations Biographies

by Judson Knight, Stacy A. McConnell, and Lawrence W. Baker (isbn 0787639850)

Growing Up in Ancient Greece

by Chris Chelepi and Christine Molan (isbn 0816727201)

Women in Ancient Greece

by Fiona MacDonald (isbn 0872265684)

Traveling Over the Isthmus

Ancient Machines: From Wedges to Waterwheels

by Michael Woods and Mary B. Woods (isbn 0822529947)

Building The Panama Canal:

Chronicles from National Geographic

by Arthur Meier Schlesinger and Fred L. Israel (isbn 0791051021)

Onward to Olympia

Ancient Olympic Games

by Haydn Middleton (isbn 1575724502)

The Original Olympics

by Stewart Ross (isbn 087226596X)

Nudes and Nikes: Champions and Legends of the First Olympics

by Dyan Blacklock (isbn 1864484551)

Pankration: The Ultimate Game

by Dylan Blacklock (isbn 0807563234)

The Olympic Games: Athens 1896–Sydney 2000

by Dorling Kindersley (isbn 0789459752)

Worthy of Immortality

Gods and Goddesses (Ancient Greece)

by John Malam (isbn 0872265986)

The Seven Wonders of the Ancient World

by Hans Reichardt and Anne-Lies Ihme (isbn 1581850026)

The Random House of Greek Myths

by Joan D.Vinge and Oren Sherman (isbn 0679823778)

D'Aulaires' Book of Greek Myths

by Ingri D'Aulaire and Edgar Parin D'Aulaire (isbn 0440406943)

Favorite Greek Myths

by Bob Blaisdell and John Green (isbn 0486288595)

Grade 6

6A: Airborne

Books pertaining to unit:

All You Ever Wanted to Know About Flying: The Passenger's Guide to How Airplanes Fly

by Julien Evans (isbn 0760304610)

Amazing facts about airplanes and flight.

Flying Jake

by Lane Smith (isbn 0689803761)

While pursuing his escaping bird, Jake discovers that he has miraculously acquired the power of flight and embarks on a delightful adventure that takes him over the trees and rooftops and up into the clouds.

The Glorious Flight

by Alice and Martin Provensen (isbn 0140507299)

The Caldecott Medal winner picture book relates the story of Louis Lériot as a great pioneer of aviation and his flight across the English Channel.

Great Flying Stories

Edited by F. Forsyth (isbn 0671000624)

Edgar Allan Poe, Roald Dahl, and other famous authors explore the adventures, novelty, and skill of flying in entertaining stories ranging from fact to fantasy.

Aviation: Reaching for the Sky

by Don Berliner (isbn 1881508331)

This book offers sketches of the great names in the development of the airplane, along with an interesting glimpse at those who dared to develop hot air balloons, gliders, and simple airplanes and helicopters. Also provided are a glossary, a bibliography, and a chronology of important aviation events, from Chinese kite flying in 1000 b.c.e. to the 1990 launching of the Hubble Space Telescope.

Leonardo da Vinci

by Ibi Lepscky (isbn 0812055128)

Describes the childhood of the famous artist and inventor, whose early interests in engineering, architecture, natural science, and painting were encouraged by his father.

McCurdy and the Silver Dart

by Les Harding (isbn 0920336698)

Having a famous neighbor was not J. A. D. McCurdy's only claim to fame. He helped Alexander Graham Bell with experiments in heavier-than-air flight. He became one of Canada's aviation pioneers for his own design – a biplane called the Silver Dart.

Young Orville and Wilbur Wright: First to Fly

by Andrew Woods, Ellen Beier, and Dennis Stuart (isbn 0816725438)

A bibliography of the brothers who launched the air age in 1903 when their flying machine stayed in the air for twelve seconds.

Amelia Earhart

by Andrew Langley and Alan Marks (isbn 019521403X)

Traces the life of the first woman pilot to fly across the Atlantic Ocean and who mysteriously disappeared in 1937 while attempting to fly around the world.

Books specific to an activity:

What an Uplifting Experience!

The Magic School Bus Taking Flight: A Book About Flight

by Joanna Cole and Gail Herman (isbn 0590738712)

(Video: ISBN 1568327285)

How Birds Fly

by Bobbie Kalman (isbn 0865057680)

Animals in Flight

by Steve Jenkins and Robin Page (isbn 0618123512)

Flying Animals (Flight)

by June Loves (isbn 0791065618)

Such Gravity

Flight

by Ian Graham (isbn 0753453266)

What a Drag!

The World of Flight

by Bill Gunston et al. (isbn 0836829034)

Fabulous Paper Gliders

by Cassandra Eason (isbn 0806962275)

Best Ever Paper Airplanes

by Norman Schmidt (isbn 0785786473)

The Best Paper Airplanes You'll Ever Fly

by the Editors of Klutz (isbn 1570541787)

Thrusting Ahead!

Look Inside Cross-Sections: Jets

by Hans Jenssen and Moira Butterfield (isbn 0789407671)

From Earth to the Moon

by Jules Verne (isbn 0553214209)

Up, Up, and Away

Around the World in Eighty Days

by Jules Verne (isbn 059043053X)

Hot-Air Henry

by Mary Calhoun and Erick Ingraham (isbn 0688040683)

6B: It Really Is a Small World After All

Books pertaining to unit:

The Usborne Complete Book of Astronomy and Space (Complete Books Series)

by Lisa Miles and Alastair Smith (isbn 0746031041)

This book describes the life span of stars, the unique characteristics of each planet in our solar system, the constellations and the history behind them, plus tips for stargazers.

The Scholastic Encyclopedia of Space

by Jacqueline Mitton and Simon Mitton (isbn 0590592270)

This beautiful book takes children on a trip through space to learn many fascinating astronomy facts.

Eyewitness Handbooks: Stars and Planets

by Ian Ridpath, Amie Gallagher, and the Greenwich Royal Observatory (isbn 0789435217)

The visual guide to the night sky viewed from around the world.

Starry Messenger (1997 Caldecott Honor Book)

by Peter Sis (isbn 0374371911)

The story of Galileo is at once inspiring and troubling. This brilliant astronomer was a celebrated scientist who was showered with honors and patronage until his greatest discovery (that the earth circled the sun rather than the other way around) proved to be too much of a threat to prevailing orthodoxy.

Planet Earth (The Investigations Series)

by John Farndon (isbn 0754804755)

Examines and explains the science of planet Earth.

Skysisters

by Jan Bourdeau Waboose and Brian Deines (isbn 1550746979)

Two Ojibway sisters set off across the frozen north country to see the SkySpirits' midnight dance. It isn't easy for the younger sister to be silent, but gradually she begins to treasure the stillness and the wonderful experiences it brings. After an exhilarating walk and patient waiting, the girls are rewarded by the arrival of the SkySpirits — the northern lights — dancing and shimmering in the night sky. This powerful story, with its stunning illustrations, captures the chill of a northern night, the warmth of the family circle, and the radiance of a child's wonder.

Voices Under One Sky: Contemporary Native Literature

by Trish Fox Roman (Editor) (isbn 089594720X)

Novels:

Star Hatchling

by Margaret Bechard (isbn 0140375813)

Hanna, a Terran, accidentally lands on a new planet without her family. Before she can be rescued, she is found by Shem and Cheko, a brother and sister who appear rather lizard-like to earthly eyes. In chapters that alternate Hanna's point of view with Shem's and Cheko's, readers see how different each culture seems to a member of the other; gender, facial gestures, food, and family all appear one way to insiders and another way to outsiders.

The Computer Nut

Betsy Cromer Byars and Guy Byars (isbn 0140320865)

Ten-year-old Kate begins a communication exchange on a computer with someone professing to be from outer space, who says he is going to pay a visit to earth soon.

The Magic Bicycle

by William Hill (isbn 189061100X)

Danny, a military brat, has just moved again. This time, however, things are different. His mother and sister are dead, and Danny doesn't see how he can adjust to the new situation. While riding his bike one day, Danny meets Kalyde, an alien trying to avoid capture by the military. Danny helps Kalyde escape and, in return, receives a bicycle capable of transporting him through time and space.

The Time Machine

by H.G. Wells (isbn 0812505042)

After taking a trip into the future, a Time Traveler returns to the 19th century and tells his colleagues what he saw.

Club Earth

by Gail Gauthier and Joy Peskin (Editor) (isbn 0698118669)

Will, Robby, and their parents agree to open their house as a resort for aliens, who are far more enamored of the mother's macrobiotic cooking than her family is. Knowing that she will end up with all the work, she is less than thrilled with the arrangement, but the males in the family think it will be great, at least until the eccentric aliens begin showing up. They have to be entertained, watched over, and cleaned up after. When one guest, Alphonse, shows no signs of leaving, the family conspires to get rid of him and to get out of their agreement.

Shape-Changer

by Bill Brittain (isbn 0064405141)

Dwight, Lauren, and Frank, all seventh-graders, are the only children living in their three-house subdivision. Their days are boring until Frank meets Zymel, a policeman from the planet Rodinam, who was escorting a desperate and dangerous criminal named Fek to a barren asteroid when their spacecraft crashed and Fek escaped. Fek, like Zymel, can assume any shape and so defies description, but he must be found before he can repair the spaceship and wreak havoc throughout the universe. Eliciting the help of Dwight, Lauren, and Frank, Zymel swears them to secrecy and, disguised as Frank's girl cousin, accompanies them to school. Frank barely escapes with his life when he realizes the school custodian is really Fek, but just in the nick of time, Frank solves the mystery and helps capture Fek. The plot may be far-fetched, but it is logical, and Frank uses deductive reasoning and good detective work to unmask the villain.

The Keeper of the Isis Light

by Monica Hughes (isbn 0689833903)

It was her tenth birthday on Isis. By earth years, she would be sixteen. But Olwen Pendennis had never been to earth. She had been born on Isis. And since her parents' death, she had lived there alone, manning the Isis Light — a "lighthouse" in space designed to aid ships, and to bring settlers from earth. And now, on her tenth birthday on Isis, the settlers are coming at last. Olwen is ready to welcome them, but are they ready for her? She was once human, like them. But the harsh climate of the alien planet has changed her, transforming her into something else — something the settlers could never be prepared for.

The Golden Aquarians

by Monica Hughes (isbn 0671505432)

Set in the year 2092, the plot centers around sensitive Walt Elliot and his father, Colonel Elliot, who transforms planets to make them inhabitable for humans. Discovering that his father is destroying a group of frog-like creatures on a planet, Walt defies him in order to save them. The watery planet and its frog-like inhabitants are inventive, and Walt is a sympathetic character.

Books specific to an activity:

We Come in Peace

The Planets (Starting with Space Series)

by Cynthia Pratt Nicolson and Bill Slavin (isbn 1550747169)

Planets in Our Solar System

by Franklyn Branley (isbn 0808529935)

Mythic Voices

by Celia Lottridge (isbn 08123198X)

My Brother Is from Outer Space

by Vivian Ostrow and Eric Brace (isbn 0807553263)

The Time Machine

by H.G. Wells (isbn 1576460460)

War of the Worlds

by H.G. Wells (isbn 0553213385)

From the Earth to the Moon

by Jules Verne (isbn 0553214209)

Space Station Science: Life in Free Fall

by Marianne J. Dyson, Dave Klug, and Buzz Aldrin
(isbn 0590058894)

The Best Book of Spaceships

by Ian S. Graham and Ann Graham (isbn 0753451336)

Satellites and Space Probes (Eye on the Universe)

by Niki Walker and Bobbie Kalman (isbn 0865056919)

*This Place Called Earth***The Missing Sun**

by Peter Eyvindson and Rhian Brynjolson (isbn 0921827296)

*La Luna***The Best Book of the Moon**

by Ian S. Graham and Ann Graham (isbn 0753451743)

The Moon (Starting with Space Series)

by Paulette Bourgeois, Bill Slavin, and Cynthia Pratt Nicolson (isbn 1550743325)

The Moon and You

by Edwin C. Krupp and Robin Rector Krupp (isbn 0688178189)

An Algonquian Year: The Year According to the Full Moon

by Michael McCurdy (isbn 0618007059)

Comets, Meteors, and Asteroids

by Seymour Simon (isbn 0688158439)

Comets, Asteroids, and Meteorites (Starting with Space Series)

by Cynthia Pratt Nicolson and Bill Slavin (isbn 1550745808)

The Moon (Eye on the Universe)

by Niki Walker and Bobbie Kalman (isbn 0865056897)

The Moon Princess

by James Thurber (isbn 015251872X)

Moon Tales

by Rina Singh and Debbie Lush (isbn 0747541124)

*It's in the Stars***The Big Dipper and You**

by Robin Rector Krupp and Edwin C. Krupp (isbn 0688167020)

The Night Sky (One Small Square)

by Donald M. Silver and Patricia J. Wynne (isbn 0070580456)

The Stars (Starting with Space Series)

by Cynthia Pratt Nicolson and Bill Slavin (isbn 1550746596)

The Sun (Starting with Space Series)

by Paulette Bourgeois, Bill Slavin, and Cynthia Pratt Nicolson (isbn 1550743309)

The Starry Sky

by Patrick Moore and Paul Doherty (isbn 156294181X)

Exploring the Night Sky

by Terence Dickinson (isbn 0833522914)

Stargazing

by Gail Gibbons (isbn 0823415074)

The Stargazer's Guide to the Galaxy

by Querida L. Pearce (isbn 0812594231)

The Story of the Milky Way: A Cherokee Tale

by Joseph Bruchac, Gayle Ross, and Virginia A. Stroud (isbn 0803717377)

Tales of the Shimmering Sky: Ten Global Folktales with Activities (Tales Alive! Series, Vol. 2)

by Susan Milord, Joann E. Kitchel, and Bill Jaspersohn (isbn 1885593015)

Musicians of the Sun

by Gerald McDermott (isbn 0689807066)

Tales of Iroquois

by Tehanetorens (isbn 0919645232)

Northern Lights: The Soccer Trails

by Michael Arvaarluk Kusugak and Vladyana Krykorka (isbn 1550373382)

Aunt Harriet's Underground Railway in the Sky

by Faith Ringgold and J. Davis (isbn 0517885433)

*How Would We Survive?***How Do You Go to the Bathroom in Space?**

William R. Pogue, John Glenn, and Sidney Harris (isbn 031287295X)

Look Inside Cross-Section Space

by Moira Butterfield, et al. (isbn 1564586820)

The Space Shuttle (Eye on the Universe)

by Jacqueline Langille and Bobbie Kalman (isbn 0865056889)

On the Shuttle: Eight Days in Space

by Barbara Bondar (isbn 0785722122)

Space Station Science: Life in Free Fall

by Marianne J. Dyson, Dave Klug, and Buzz Aldrin (isbn 0590058894)

The Best Book of Spaceships

by Ian S. Graham and Ann Graham (isbn 0753451336)

*Standing on the Shoulders of Giants***Space Travel (Interfact)**

by Ian Graham, Rob Mitchell, Christopher Forsey, and Peter Bull (isbn 0716672022)

Space Station Science: Life in Free Fall

by Marianne J. Dyson, Dave Klug, and Buzz Aldrin (isbn 0590058894)

The Best Book of Spaceships

by Ian S. Graham and Ann Graham (isbn 0753451336)

Voyager: An Adventure Through Space

by John Gustafson, Wade Hudson, and Edie Weinberg (isbn 0590457640)

The Space Shuttle (Eye on the Universe)

by Jacqueline Langille and Bobbie Kalman (isbn 0865056889)

Satellites and Space Probes (Eye on the Universe)

by Niki Walker and Bobbie Kalman (isbn 0865056919)

6C: e-MOTION-ally Charged

Books pertaining to unit:

The New Way Things Work

by David Macaulay and Neil Ardley (isbn 0395938473)

Grouping machines together by the principles that govern their actions rather than by their uses, and using finely detailed and humorous visuals, Macaulay helps readers understand what gadgets such as a toilet, a car-buretor, and a fire extinguisher have in common.

National Geographic's How Things Work: Everyday Technology Explained

by John Langone, Pete Samek, Andy Christie, and Brya Christie (isbn 0792271505)

Just by pushing buttons, flipping switches, zipping zippers, dialing dials, clicking remotes, tapping keys, and cranking ignitions, people make things happen. This book invites readers to discover what makes everyday gadgets, machines, and tools work.

Scientific American: How Things Work Today

by Michael Wright and M. N. Patel (isbn 0375410236)

Biotechnology, computers, cell phones, and the Internet — they are all having a major impact on our lives. Find out how a GPS receiver knows where you are, or what is inside a laser printer, or what the difference is between scanning and transmission electron microscopes.

Bleeps and Blips to Rocket Ships: Great Inventions in Communications

by Alannah Hegedus, Bill Slavin, and Kaitlin Rainey (isbn 0887764525)

Our fast-paced world of fax machines, digital cameras, and cell phones has evolved out of the work of inventors who paved the way for modern communications.

Turn on the Lights — From Bed!: Electronic Inventions, Contraptions, and Gadgets Kids Can Build

by Robert Carrow and Rick Brown (isbn 0070116598)

Experiments and activities that use electronics and physics concepts to produce practical but zany gadgets.

I Want To Be an Engineer (I Want To Be — Book Series)

by Catherine O'Neill Grace, Stephanie Maze, and Peter Menzel (isbn 0152021094)

Learn about careers in engineering — civil, mechanical, and electrical — and about the robotics and animatronics used to create movie special effects.

Novels:

Qwerty Stevens, Back in Time: The Edison Mystery

by Dan Gutman (isbn 0689841248)

What is in the mysterious wooden box that Thomas Edison buried in his backyard more than a hundred years ago? Why didn't he feel the world was ready for this amazing invention? After 13-year-old Qwerty Stevens digs up the secret box in the 21st century, why does the creepy Ashley Quadrel want to get his hands on it so badly? Find out how Qwerty and his sisters use Edison's machine to save a life and make history.

Books specific to an activity:

Machine Ins and Outs

Wheels and Cranks

by Angela Royston (isbn 1575723247)

Gear Up!: Marvelous Machine Projects

by Keith Good (isbn 0822535661)

Levers, Linkage, and Pneumatic Ins and Outs

Levers (Machines in Action)

by Angela Royston (isbn 1575723190)

Forces and Movement

by Peter Riley (isbn 0531153681)

Levers

by Anne Welsbacher (isbn 0736806113)

Frictional Ins and Outs

Wheels and Axles (Understanding Simple Machines)

by Anne Welsbacher (isbn 0736806156)

Inclined Planes (Understanding Simple Machines)

by Anne Welsbacher (isbn 0736806105)

Electrical Ins and Outs

The Amazing Life of Benjamin Franklin

by James Giblin and Michael Dooling (isbn 0590485342)

Benjamin Franklin's Adventures with Electricity (Science Stories Series)

by Beverley Birch and Robin Bell Corfield (isbn 0812097904)

The Story of Thomas Alva Edison (Landmark Books)

by Margaret Cousins (isbn 0394848837)

Thomas Alva Edison (Groundbreakers)

by Brian Williams (isbn 1575723778)

Using Electricity

by Angela Royston (isbn 1588102394)

Electricity (Make It Work!)

by Alexandra Parsons (isbn 1587283549)

Inventor's Handbook: Radio and Communications

by Steve Harris (isbn 1571455507)

Messengers, Morse Code, and Modems (Science Work)

by Janice Parker (isbn 0739801384)

The Very Lonely Firefly

by Eric Carle (isbn 0399227741)

6D: It's Alive

Books pertaining to unit:

What Is a Living Thing? (Science of Living Things)

by Bobbie Kalman (isbn 0865058911)

This book explains what a living thing is and makes the connection between people and other living things, including plants, animals, and insects.

Raptors, Fossils, Fins, and Fangs: A Prehistoric Creature Feature

by Ray Troll and Brad Matsen (isbn 1883672759)

Long ago, even before there were dinosaurs, some water creatures made their way out of the ocean onto land. This is the story of those life-forms, and of some of the weird and cool creatures that came before and after them — including humans.

Pasteur's Fight Against Microbes (Science Stories Series)

by Beverley Birch and Christian Birmingham (isbn 0812097939)

Describes the famous French scientist's efforts to fight against microbes and how his discoveries have saved millions of lives.

Shaping the Earth

by Dorothy Hinshaw Patent and William Munoz (isbn 0395856914)

Ever since earth was formed more than 4.5 billion years ago, the planet has been continuously shaped by dynamic forces. The most significant impact was made by the introduction of life. From the smallest single-cell organism to the most populous cities, living things (especially human beings) have had a profound effect on the planet.

What Is the Animal Kingdom?

by Bobbie Kalman (isbn 086505889X)

This introduction to the animal kingdom covers all types of creatures from insects to fish to mammals. It also explains the basics of orders, classes, and species, demonstrating the links among the living inhabitants of our planet.

A Log's Life

by Wendy Pfeffer, Robin Brickman, and Stephanie Lurie (isbn 0689806361)

After an oak tree falls in the forest, it has another life as home to a variety of creatures. As it decays over time, it provides food and shelter to porcupines, ants, mushrooms, salamanders, and many others, until it eventually turns into a mound of rich black earth.

Books specific to an activity:

Basic Needs of Living Things

How Do Animals Move? (Science of Living Things)

by Niki Walker, Bobbie Kalman (isbn 0865059586)

Backbone or No Backbone? — That Is the Question

What Is A Mammal? (Science of Living Things)

by Bobbie Kalman (isbn 0865058903)

Eyewitness Explorers: Mammals

by David Burnie and Deni Bown (isbn 0789429837)

What Is a Fish? (Science of Living Things)

by Bobbie Kalman and Allison Larin (isbn 0865058946)

How Do Animals Adapt? (Science of Living Things)

by Bobbie Kalman (isbn 0865059578)

What Is a Reptile (Science of Living Things)

by Bobbie Kalman (isbn 0865058938)

What Is a Primate? (Science of Living Things)

by Bobbie Kalman and Heather Levigne (isbn 0865059500)

What Is an Amphibian? (Science of Living Things)

by Bobbie Kalman and Jacqueline Langille (isbn 0865059527)

Vertebrates (Taxonomy)

by Alvin Silverstein, Virginia B. Silverstein, and Robert A. Silverstein (isbn 0805035176)

What Is a Life Cycle? (Science of Living Things)

by Bobbie Kalman and Jacqueline Langille (isbn 0865058865)

It Was Alive — Fossil Museum

If You Are a Hunter of Fossils

by Byrd Baylor and Peter Parnall (isbn 0689707738)

DK Handbooks: Fossils

by Cyril Alexander Walker and David J. Ward (isbn 1564580717)

Collecting Fossils: Hold Prehistory in the Palm of Your Hand

by Steve Parker, Murray Weston, and Jane Parker (isbn 0806997621)

Living Fossils: Animals That Have Withstood the Test of Time

by James Martin and Janet Hamlin (isbn 0517598663)

Taking a Closer Look

The Usborne Complete Book of the Microscope

by Kirsteen Rogers and Paul Dowsell (isbn 0746031068)

The Microscope Book

by Shar Levine, Leslie Johnstone, and David Sovka (isbn 080694899X)

A Closer Look at Pond Life

Around the Pond

by Ann C. Cooper (isbn 1570982236)

What's in the Pond

by Anne Hunter (isbn 0395912245)

Closer Look: Pond Life

by Barbara Taylor (isbn 0789429705)

Life in a Pond

by Allan Fowler (isbn 0516202189)

Woods (One Small Square)

by Donald M. Silver and Patricia J. Wynne (isbn 0070579334)

Marshes and Swamps

by Gail Gibbons (isbn 0823415155)

What Is a Bird? (Science of Living Things)

by Bobbie Kalman (isbn 086505892X)

Animals Eat the Weirdest Things

by Diane Swanson and Terry Smith (isbn 080505846X)

Living Environments

A Rain Forest Tree (Small Worlds)

by Lorien Kite (isbn 0778701468)

A Freshwater Pond (Small Worlds)

by Adam Hibbert (isbn 0778701476)

A Saguaro Cactus (Small Worlds)

by Jen Green (isbn 0778701484)

A Tidal Pool (Small Worlds)

by Philip Steele (isbn 0778701492)

A Dead Log (Small Worlds)

by Jen Green (isbn 0778701506)

Under a Stone (Small Worlds)

by Jen Green (isbn 0778701514)

Backyard (One Small Square)

by Donald M. Silver, Patricia J. Wynne, and Dianne Ettl (isbn 007057930X)

6E: Looking Back — Looking Forward

Books pertaining to unit:

The Encyclopedia of the First Peoples of North America

by Rayna Green and Melanie Fernandez (isbn 0888993803)

This encyclopedia covers a wide range of unique topics about native groups from across the continent.

Step into the World of ... North American Indians

by Michael Stotter (isbn 0754802167)

This book helps children explore the fascinating lifestyles, clothes, and ceremonies of the wide variety of North American Indian tribes that have lived in this region for centuries.

We Are All Related

by George Littlechild et al. (isbn 0968047904)

This beautiful work shows how visual symbols provide a powerful connection to cultural heritage, reflecting myths, and history. The accompanying text (transcribed in both English and the student's native language) explains each family's values and includes pieces by the child and a family elder. Viewed as a whole, the presentation underscores the fact that beneath exterior differences, people are much the same.

Novels:

Encounter

by Jane Yolen (isbn 015201389X)

A touching account of Columbus' first contact in the Americas, from a Taino boy's point of view. After a terrible prophetic dream, the boy begs his elders not to welcome the strangers, but they disregard him. He sees how they look at his people's gold. He temporarily becomes their captive; and at the end, as an old man, he sadly notes; "We lost our lands ... we gave our souls to their gods...our sons and daughters became their sons and daughters, no longer true humans."

Books specific to an activity:

Getting Connected with Our Ancestors

The Ancient Cliff Dwellers of Mesa Verde

by Caroline Arnold and Richard Hewett (isbn 061805149X)

If You Lived With the Iroquois (If You Lived)

by Ellen Levine and Shelley Hehenberger (isbn 0590674455)

Inuit of the North

by Allan C. Bennett et al. (isbn 0889020523)

Indians of the Plains

by A. Joan Hall et al. (isbn 0889020604)

Mi'kmaq of the East Coast

by Robert M. Leavitt (isbn 1550414690)

Arctic Peoples (Native Americans)

by Mir Tamim Ansary (isbn 1588104508)

Eastern Woodlands Indians (Native Americans)

by Mir Tamim Ansary (isbn 1588104516)

Northwest Coast Indians (Native Americans)

by Mir Tamim Ansary (isbn 1588103501)

Plains Indians (Native Americans)

by Mir Tamim Ansary (isbn 158810351X)

Plateau Indians (Native Americans)

by Mir Tamim Ansary (isbn 1588104532)

Subarctic Indians (Native Americans)

by Mir Tamim Ansary (isbn 1588104559)

Nations of the Plains (Native Nations of North America)

by Bobbie Kalman (isbn 0778703681)

Life in a Plains Camp (Native Nations of North America)

by Bobbie Kalman (isbn 0778704610)

Daily Life in a Plains Indian Village, 1868

by Michael Bad Hand Terry (isbn 0395974992)

Celebrating the Powwow

by Bobbie Kalman (isbn 0865057400)

Native Homes (Native Nations of North America)

by Bobbie Kalman (isbn 0778704637)

Life in a Longhouse Village (Native Nations of North America)

by Bobbie Kalman and Lewis Parker (isbn 0778704629)

Native Medicines

by Root Woman and Dave (isbn 0969959502)

From the Earth to Beyond the Sky: Native American Medicine

by Evelyn Wolfson and Jennifer Hewitson (isbn 0395550092)

web sites

http://www.ainc-inac.gc.ca/pr/pub/fnc/index_e.html

http://collections.ic.gc.ca/heirloom_series/volume2/volume2.htm

<http://www.head-smashed-in.com>

The Enlightened Legend

Keepers of the Animals

by Michael J. Caduto et al. (isbn 1895618193)

Keepers of Life

by Michael J. Caduto et al. (isbn 1895618622)

Keepers of the Earth

by Michael J. Caduto et al. (isbn 0920079768)

Keepers of the Night

by Michael J. Caduto et al. (isbn 1895618398)

Salmon's Journey

by Robert James Challenger (isbn 1894384342)

Raven's Call

by Robert James Challenger (isbn 1895811910)

Orca's Family

by Robert James Challenger (isbn 1895811392)

Eagle's Reflection

by Robert James Challenger (isbn 1895811074)

Aurora: A Tale of the Northern Lights

by Mindy Dwyer (isbn 0882405497)

This Land Is My Land

by George Littlechild (isbn 0892391197)

Come Look With Me: Exploring Native American Art With Children (Come Look With Me Series)

by Stephanie Salomon (isbn 0965030881)

The Micmac: How Their Ancestors Lived Five Hundred Years Ago

by Ruth Holmes Whitehead and Harold McGee (isbn 0920852211)

web site

<http://www.planetozkids.com/oban/legends.htm>

Who Discovered Whom?

The Viking Explorers (Explorers of New Worlds)

by Jim Gallagher (isbn 0791059553)

Fur Traders

by Robert Livesey and A. G. Smith (isbn 0773753044)

Technology: The Routes of Engineering

by Kris Dick and Norman Lee (isbn 077158184X)

Technology in the Time of the Vikings (Technology in the Time Of)

by Peter Hicks (isbn 0817248803)

The Viking Explorers (Explorers of New Worlds)

by Jim Gallagher

North American Exploration (Wiley Desk Reference)

by Michael Golay, John S. Bowman

Adventures of Captain Bonneville

by Washington Irving

The Lewis and Clark Expedition: Selections from the Journals, Arranged by Topics (Bedford Series in History and Culture)

by Meriwether Lewis, William Clark, Gunther Paul Barth, Gunther Barth

Forth to the Wilderness: The First American Frontier, 1754-1774

by Dale Van Every

Explorers of North America (True Books: American History)

by Brendan January

American Colonies : The Settling of North America (The Penguin History of the United States, Volume1) (History of the USA)

by Alan Taylor

Who Was Ferdinand Magellan?

by Sydelle Kramer, S. A. Kramer, Elizabeth Wolf

Exploration and Conquest : The Americas after Columbus : 1500-1620 (The American Story)

By Betsy Maestro and Giulio Maestro (isbn 0688154743)

Grade 7

7A: Structural Interactions

Books pertaining to unit:

Everyday Structures from A to Z

by Bobbie Kalman (isbn 0865054177)

Everyday Structures from A to Z invites students to explore the wide variety of objects, shapes, and patterns in the world around them. Students will learn about structures made by people and those made by nature. This book also takes a comprehensive look at form versus function, how structures are made, and describes the different categories of structures in a simple, clear way. Items featured include homes, famous structures, landforms, towers, and wheels.

City: A Story of Roman Planning and Construction

by David Macaulay (isbn 0395349222)

Through detailed illustrations the author shows how superbly the Romans built new and exciting, yet functional, cities for the people who were to inhabit them.

Pyramid

by David Macaulay (isbn 0395321212)

Building Big

by David Macaulay (isbn 0395963311)

The questions the author asks take us back to the basic process of design of structures. It starts with the need for the structure and follows with the problems that the engineers and designers solve to mapping out the plans and the final construction.

The World's Greatest Buildings:

Masterpieces of Architecture and Engineering

by H. J. Cowan, B. Hanna, J. Haskell, D. Malor, J. Phillips, and M. Stiles (isbn 0737000821)

A fact-filled guide to some of the most intriguing and remarkable structures in the world. Included are profiles of well-known builders, architects, and engineers.

Houses: Showing How People Have Lived Throughout History with Examples Drawn from the Lives of Legendary Men and Women

by Albert Lorenz and Joy Schleh (isbn 0810911965)

This book tells the story of human habitations through time and around the world. The author conveys the enormous variety and amazing range of traditional dwellings — from palace to igloo — and also such diverse settings as a monastery, a space station, and a whaling ship. This book also makes history come alive as it travels through different time periods.

Stephen Biesty's Incredible Cross-Sections

Richard Platt and Stephen Biesty (isbn 0679814116)

A collection of eighteen cross-section drawings introduces the reader to the inner workings of the world's most fascinating structures, including the Empire State Building, a castle, a car factory, a helicopter, and a cruise ship.

Houses of Wood

by Bonnie Shemie (isbn 0887763324)

Shemie describes how the Native people of the Northwest Coast uses small handmade tools to build spectacular wooden dwellings that are admired worldwide.

Houses of Snow, Skin and Bones

by Bonnie Shemie (isbn 0887763057)

To find shelter in the far north requires great ingenuity. From the igloo, or igluvigak, one of the most intriguing shelters humans have ever built; to the quarmang with its stone foundations that have lasted a thousand years; to the sod houses built into the ground and covered with earth, the Native people of the Arctic found extraordinary ways to survive one of the most difficult climates on earth.

Houses of Hide and Earth

by Bonnie Shemie (isbn 0887763073)

The Plains Indians built their houses with the only materials they had: the skins of the buffalo they hunted, and the soil dug from the earth around them. Their structures, from the first earthlodge dating from a.d. 700 to the buffalo hide teepee, were laid out according to religious beliefs, and give us insight into an ancient and resourceful people.

Books specific to an activity:

Paper Structures

The True Story of the Three Little Pigs!

by Jon Scieszka, Lane Smith, S. Lobo, and Maria Negrone (isbn 014055758X)

The Three Little Javelinas

by Susan Lowell and Jim Harris (isbn 0873585429)

The **Three** Little Wolves and the Big Bad Pig

by Eugene Trivizas and Helen Oxenbury (isbn 068981528X)

It's a Solid, or is it a Frame or Shell?

Steven Caney's Invention Book

by Steven Caney (isbn 0894800760)

Finding Out About How Things Are Made

by J. Cook, G. Smith, and T. Gower (isbn 0746002769)

Bicycles

by Arlene Erlbach and Jackie Urbanovic (isbn 0822597403)

Sneakers: From Start to Finish

by Samuel G. Woods and Gale Zucker (isbn 1567113931)

Soda Pop

by Arlene Erlbach (isbn 0822597101)

How Steel Is Made (I Wonder)

by Neil Curtis and Peter Greenland (isbn 0822523787)

How Books Are Made

by Lucia Raatma and Shari Joffe (isbn 051626379X)

Bridging the Gap

The Brooklyn Bridge

by Elizabeth Mann and Alan Witshonka (isbn 0965049302)

Bridges

by Etta Kaner and Pat Cupples (isbn 1550741462)

Bridges

by Ken Robbins (isbn 0803709293)

Shake, Rattle, and Roll

Earthquakes and Volcanoes

by John Stidworthy (isbn 1571451242)

Volcano: The Eruption and Healing of Mount St. Helens

by Patricia Lauber (isbn 0689716796)

We Shake in a Quake

by Hannah Gelman Givon and David Uttal (isbn 1582460221)

Discovering Earthquakes

by Nancy Field, Adele Schepige, and Nancy Lynch (isbn 094104212X)

Rocking and Rolling

by Philip Steele (isbn 0763606294)

Structures and the Earth's Crust

Mountains and Valleys

by Steve Parker and jane Parker (isbn 1571450262)

Erosion: Earth's Conditions Series

by Joshua Rutten (isbn 156766508X)

Designing It All

How a House Is Built

by Gail Gibbons (isbn 0823412326)

Housebuilding for Children

Les Walker, Lester R. Walker, and Nonny Hogrogian (isbn 0879513322)

7B: It's a Team Effort

Books pertaining to unit:

River Ran Wild: An Environmental History

by Lynne Cherry (isbn 0152005420)

Long before English settlers came to New England, a tribe of Algonquin Indians discovered a sparkling, clear river they called Nash-a-way. By the 20th century, waste being dumped into the river (now called Nashua) had all but killed it, until one woman and her supporters fought to change all that. An ecological fable encompassing 500 years of American history.

Maple Moon

by Connie Brummel Crook and Scott Cameron (Illustrator)(isbn 0773760989)

A Mississauga tribe is saved from near famine by a boy who discovers the secret of maple sap by watching a squirrel's activity. Loosely based on several legends.

Chattanooga Sludge

by Molly Bang (isbn 015216345X)

The true story of John Todd's ingenious plan to clean toxic waste from a Tennessee creek describes the 150 years of pollution buildup that prompted his decision and his construction of the Living Machine.

The Drop in my Drink: The Story of Water on Our Planet

by Meredith Hooper et al (isbn 0670876186)

Water is a part of your everyday life. But when you fill a glass with water, do you ever stop to wonder where it comes from? Readers discover the amazing complexity of a substance so familiar we often take it for granted. Includes a detailed depiction of water cycles, amazing facts about water, plus important environmental information.

A Drop of Water: A Book of Science and Wonder

by Walter Wick (isbn 0590221973)

Filled with stop-action and close-up photography, this book features such images as a single snowflake and a falling drop of water, accompanied by introductions to such concepts as evaporation and condensation.

A Drop Around the World

by Barbara Shaw McKinney and Michael S. Maydak (Illustrator)(isbn 1883220726)

A drop of rain is a drop of life – a drop of eternity. The author and illustrator take us on an “out of sight” journey from Maine to Mumbai, with just one raindrop as it touches plant, animal, and human life all around the world. Traveling with Drop, readers will see the world, inside and out, from solid, liquid, and vaporous viewpoints.

I Want to Be an Environmentalist

by Stephanie Maze and Catherine O'Neill Grace (Illustrator) (isbn 015201862X)

Brimming with colorful photography and fascinating information, this book offers an up-close look at an exciting field. Join scientists as they care for an endangered manatee, study the ozone layer, and work to fight pollution. Delve into the history of environmentalism – and discover its future.

Environmental Disasters (The World's Disasters)

by John Baines (isbn 156847086X)

An initial focus on the need for a clean environment is followed by discussions of environmental pollution from nuclear and chemical sources, water and air pollution, the hazards of waste, oil spills, and harm done by war and industry.

Chemistry (Dorling Kindersley Eyewitness Books)

by Dr. Ann Newmark (isbn 0789448815)

Technology (Dorling Kindersley Eyewitness Books)

by Roger Bridgman (isbn 0789448874)

Crystal and Gem (Dorling Kindersley Eyewitness Books)

by R. F. Symes and Dr. R. R. Harding (isbn 0789457644)

Fossil (Dorling Kindersley Eyewitness Books)

by Dr. Paul D. Taylor (isbn 0789458403)

Rocks and Minerals (A National Audubon Society First Field Guide)

by Edward Ricciuti and Margaret W. Carruthers (isbn 0590054848)

After defining rocks and minerals, and identifying the three classes of rocks, the field guide presents 50 rocks and minerals in full-color photographs. Text describes each item, its properties, its colors, and its environment.

Rocks and Minerals (Young Scientist Concepts and Projects)

by Jack Challoner (isbn 0836822692)

Keeping Water Clean (Protecting Our Planet Series)

by Ewan Mcleish (isbn 0817249354)

Water is one of our most vital resources, yet much of it is polluted and unusable. This important fact is discussed here, and solutions presented, in a straightforward book that combines clear text with color photos, illustrations, diagrams, and maps.

Watersheds: A Practical Handbook for Healthy Water

by Gregor Gilpin Beck and Clive Dobson (isbn 1552093301)

Watersheds seeks to explain simply why putting poisons in the water is bad by showing how watersheds work, how all water systems (streams, sewers, rivers, oceans, our own plumbing) are interconnected and interdependent.

Videos:

Water Cycle; Oceanography

by Bill Nye

Bill Nye demonstrates the water cycle, evaporation, condensation, precipitation, and collection and explains why oceans are salty.

Earth's Crust; Rocks and Soil

by Bill Nye

Bill Nye literally goes to the depths of the earth to explain how the earth's surface and its inner mantle differ. Facts on volcanoes, landslides, tectonic plates, rivers, and weather influence their effects on the creation of rocks and soil. He shows how to unearth fossils in sedimentary rocks and soils.

7C: The Heat's On

Books pertaining to unit:

Letting Off Steam: The Story of Geothermal Energy

by Linda Jacobs (isbn 0876145101)

Describes the sources and uses of geothermal energy.

Geothermal and Bio-Energy (Energy Forever)

by Ian S. Graham (isbn 081725367X)

Case studies, historical retrospectives, current status reports, and speculative near-future developments are used to explore both traditional energy sources and alternative renewable sources.

A Drop of Water: A Book of Science and Wonder

by Walter Wick (isbn 0590221973)

Filled with stop-action and close-up photography, this book features images like a single snowflake and a falling drop of water, accompanied by introductions to concepts like evaporation and condensation.

The Drop in My Drink: The Story of Water on Our Planet

by Meredith Hooper and Chris Coady (isbn 0670876186)

This explanation of the role of water on earth includes the formation of the planet, the importance of water in sustaining life since its beginning, and the water cycle.

Common Ground: The Water, Earth, and Air We Share

by Molly Bang (isbn 0590100564)

Conservation and responsibility for our shared natural resources are at the heart of this allegory that inspires respect for the environment. Once upon a time, villagers could bring sheep to a commons, "common ground" to everyone in the village. The eventual outcome (too many sheep and not enough grass) provides the historical example that is invoked repeatedly to explain problems and issues arising from present day overuse of life sustaining resources and global short sightedness.

Nobody Particular: One Woman's Fight to Save the Bays

by Molly Bang and Diane Wilson (isbn 0805053964)

Erin Brockovich, an unassuming, working-class mom, a fourth-generation East Texas shrimper – "No education, no money, no clout," she says – turned her life upside down to fight the good fight against chemical plants that were destroying her livelihood and the bays she held dear.

Solids and Liquids (Young Discoverers)

by David Glover (isbn 1856979342)

Examines the composition and strength of materials, both solid and liquid, and features experiments, including chemical reactions.

Energy and Power (Young Discoverers)

by Rosie Harlow and Sally Morgan (isbn 1856976092)

This highly visual book starts off with basic information and gradually introduces more complex principles about energy and power.

Using Energy (Designs in Science)

by Sally Morgan and Adrian Morgan (isbn 0816029849)

Heat and solar energy, transforming energy to electricity, and fossil fuels are just a few of the topics covered in this comprehensive book.

Energy (Science Works)

by Steve Parker, Steve Roberts, and Clive Spong (isbn 0836819624)

Throughout there are colored illustrations, fact boxes, trivia, and the history of different forms of energy.

New Energy Sources (Saving Our World)

by Nigel Hawkes (isbn 0761312129)

Different energy sources and how they affect the environment.

Eyewitness: Energy (Dorling Kindersley Eyewitness Books)

by Jack Challoner and Clive Streeter (isbn 0789455765)

Surveys various sources of energy and the ways in which they have been harnessed.

Caught in the Moving Mountains

by Gloria Skurzynski (isbn 0688129455)

Two 13-year-old boys must use all their skills to survive when caught in an earthquake during a three day mountain hike.

Earth Rising: Book One: The Changing Earth Trilogy

by Nancy Mitchell (isbn 1892713004)

After a severe earthquake, Jenny Powers and her friends Shazia and Ricardo leave school to find missing friends. They find more than they bargained for!

Books to support the activities:

Inventors and Inventions

by Lorraine Hopping Egan (isbn 0590103881)

Mistakes That Worked

by Charlotte Foltz Jones (isbn 0385320434)

Accidents May Happen, Fifty Inventions Discovered by Mistake

by Charlotte Foltz Jones and John O'Brien (isbn 0385322402)

Ice Cream Making and Cake Baking

by Bernie Zubrowski (isbn 0938587374)

Earth Dance: How Volcanos, Earthquakes, Tidal Waves and Geysers Shake Our Restless Planet

by Cynthia Pratt Nicolson and Bill Slavin (isbn 1550741551)

We Shake in the Earth

by Hanah Gilman Givon and David Utlal (isbn 1582460221)

Discovering Earthquakes

by Nancy Filed, Adele Schepige, and Nancy Lynch (isbn 094104212X)

7D: Natural Interactions

Books pertaining to unit:

Before and After: A Book of Nature Timescapes

by Jan Thornhill (isbn 0792270932)

We are introduced to seven biomes, a coral reef, wetland, savannah, meadow, temperate forest edge, rainforest, and schoolyard. There are different spreads for each, showing each biome over a period of time. The book is almost like a puzzle as one looks for the changes over the year.

Earthways, Earthwise: Poems on Conservation

by Judith Nicholls (isbn 0192722484)

This collection of 77 poems addresses a variety of environmental issues. Each poem gives a relevant issue (such as endangered species) meaning for children just discovering environmentalism.

Earth Alert

by James Marsh and Nicole Carmichael (isbn 1587281066)

There is a hole in the ozone layer as big as North America, the animal kingdom is dwindling, and the earth is being choked by pollution. Luckily, you don't need to be a superhero to save the planet! Earth Alert tells you the facts and suggests ways you can get in on the action.

The Earth Is My Mother

by Bev Doolittle Maclay (isbn 086713044X)

Eleven-year-old Sarah Stewart goes on a "vision quest" to discover her power to prevent the development of a desert canyon in the Southwest. With the aid of a Native American guide, Sarah takes photographs that she hopes will help save Magic Canyon. But in spite of her fascinating photos, the city council votes against purchasing the canyon as a wilderness land trust. When a national news magazine prepares a story about the girl and the vision quest, it discovers that the photos can be combined to create a breathtaking portrait of Mother Earth. When that picture appears on the magazine's cover, there is a national outpouring of support for saving Magic Canyon and other endangered wilderness areas.

Up a Creek

by Laura E. Williams (isbn 0805064532)

Miracle Bott's activism is a constant embarrassment to her thirteen-year-old daughter, Starshine. First Miracle tries to save the whales, then the ozone layer, and now it is the old oak trees in the town square. But when Miracle decides to protect one of the oaks by living in it, she may have gone too far — too far for the mayor, the community, and especially her daughter. Now Starshine must find a way to make Miracle come down from the tree before their relationship becomes a lost cause.

There's a Hair in My Dirt!: A Worm's Story

by Gary Larson and Edward Osborne Wilson (isbn 0060932740)

It isn't easy being an earthworm, and when one little guy gets mad at a hair in his dinner, Father worm decides to tell him a story. What follows is an ecological fable that combines environmental lessons with the Far Side creator's style of off-the-wall humour.

Books specific to an activity:

At the Top of the Web

Food Chains (Straightforward Science)

by Peter D. Riley (isbn 0531153673)

Food Chains and Webs (Life Processes)

by Holly Wallace and Anita Ganeri (isbn 1575723387)

Pass the Energy, Please! (Sharing Nature with Children Book)

by Barbara Shaw McKinney and Chad Wallace (isbn 158469002X)

Once a Wolf: How Wildlife Biologists Fought to Bring Back the Gray Wolf

by Stephen R. Swinburne and Jim Brandenburg (isbn 0618111204)

Global Warming: The Threat of Earth's Changing Climate

by Laurence Pringle (isbn 1587170094)

As It Rots

A Log's Life

by Wendy Pfeffer and Robin Brickman (isbn 0689806361)

Cycle in a Bottle

The Drop in My Drink: The Story of Water on Our Planet

by Meredith Hooper and Christopher Coady (isbn 0670876186)

What Is a Biome?

by Bobbie Kalman (isbn 0865058873)

Deserts (Biomes)

by Christy Steele and Frank Sloan (isbn 0739835602)

Deserts (True Books–Ecosystems)

by Darlene R. Stille (isbn 0516267604)

Grasslands (Closer Look At)

by Susie Behar, et al. (isbn 076131153X)

What's the Dirt?

Erosion: Earth's Conditions Series

by Joshua Rutten (isbn 156766508X)

Erosion (Earth Watch)

by Cherie Winner (isbn 1575052237)

To Be or Not to Be?

Resources and Conservation (Secrets of the Rainforest)

by Michael Chinery (isbn 0778702316)

BIG City — Small Cities

Common Ground: The Water, Earth, and Air We Share

by Molly Garrett Bang (isbn 0590100564)

When We Go Camping

by Margriet Ruurs and Andrew Kiss (isbn 0887764762)

A Change Over Time

Disappearing Lake

by Debbie S. Miller and Jon Van Zyle (isbn 0802775586)

Grade 8

8A: Simple and Not So Simple Machines

Books pertaining to unit:

The New Way Things Work

by David Macaulay (isbn 0395938473)

Grouping machines together by the principles that govern their actions rather than by their uses, Macaulay helps us understand in a heavily visual, humorous, unerringly precise way what gadgets such as a toilet, a carburetor, and a fire extinguisher have in common.

Mistakes That Worked

by Charlotte Foltz Jones and John O'Brien (isbn 0385320434)

From Frisbees to X-rays, Post-It notes to penicillin, here are the fascinating stories behind the accidental inventions of 40 things, including Coca-Cola, potato chips, Silly Putty, the Slinky, and many other familiar items.

The Industrial Revolution (Ideas That Changed the World)

by Robert R. Ingpen (Illustrator), Michael Pollard, and Philip Wilkinson (isbn 0791027678)

Describes important discoveries and inventions from the development of scientific farming methods to the discovery of nuclear power.

They All Laughed: From Light Bulbs to Lasers: The Fascinating Stories Behind the Great Inventions That Have Changed Our Lives

by Ira Flatow (isbn 0060924152)

An enlightening, fun look at scientific discoveries and the often wacky and accidental ways in which they have led to some of the most important inventions. An entertaining and informative tour of the laboratories, institutes, and beauty salons of science.

Girls Think Of Everything

by Catherine Thimmesh and Melissa Sweet (isbn 0395937442)

Women and girls have invented candles, cloth, soap, helmets, baby carriers, Scotchgard™, voice-controlled wheelchairs, and cancer fighting drugs — ingenious inventions that have made our lives simpler and better.

I Want to be an Engineer

by Catherine O'Neill Grace, Stephanie Maze, and Peter Menzel (isbn 0152021094)

Discover various careers in engineering as well as robotics and animatronics.

Books specific to an activity:

Pulley Power

Pulleys

by Anne Welsbacher (isbn 0736806121)

Wheels and Motion

Wheels and Axles

by Anne Welsbacher (isbn 0736806156)

Pressure Tactics

20 000 Leagues Under the Sea

by Jules Verne (isbn 0307205002)

CD-ROM (Book) (isbn 1576460398)

Power Play — Pneumatics

Frankenstein

by Mary Shelley (isbn 0486282112)

Simple and Not So Simple Machines

The Book for Women Who Invent or Want To

by Elizabeth Wallace (isbn 0921808003)

Inventors Want to Know: A Reference Guide

by The Women Inventors Project (isbn 092180802)[check isbn]

From Idea to Invention: Course Material for Teaching Invention and Innovation

by Susan Barker, Shelly Beauchamp, and Ed James (isbn 0921808062)

The Technology Book for Girls

by Trudee Romanek and Pat Cupples (isbn 1550749366)

8B: Liquids and Gas I Now Pronounce You ... Fluids

Books pertaining to unit:

Extreme Science - Science in the Danger Zone!

by Larry Verstraete (isbn 0590248472)

Joseph Kittinger jumped from a balloon almost 19 miles (30 km) above the earth – and fell at such incredible speed that he actually broke the sound barrier! Read about the inventors, scientists, researchers ... daring thinkers the world over, who attempt the impossible and take extreme risks – even when it means putting their own lives on the line.

Accidental Discoveries – From Laughing Gas to Dynamite

by Larry Verstraete (isbn 0590514253)

Many inventions and scientific discoveries – from the Slinky toy to Post-It notes – have been made “by accident.” Included in this book are 50 stories of unexpected discoveries that have influenced our lives.

After the Spill: The Exxon Valdez Disaster, Then and Now

by Sandra Markle (isbn 0802786103)

Following up on the Exxon Valdez oil spill in Prince William Sound, Alaska, this photo essay begins by describing how it happened and the environmental disaster it caused. After focusing briefly on the devastation to individual species of wildlife and efforts to help them recover, the book considers how the oil spill has affected communities in the area as well as the state of Prince William Sound and its ecosystem today. Markle also looks at what has been done to prevent more oil spills.

The Science Chef: 100 Fun Food Experiments and Recipes for Kids

by Joan D’Amico, Karen Eich Drummond, and Tina Cash-Walsh (isbn 047131045X)

Packed with both educational experiments and fun recipes, this lively book instructs children on the science behind various cooking reactions while teaching them basic culinary skills.

Pressure: Buoyancy

by Bill Nye (video)

Bill Nye visits the Hoover Dam and jackhammers concrete blocks to explore different types of pressure. Special equipment enables him to scuba dive and explain the effects of pressure under water. In part two, Bill Nye takes to the sky in a hot air balloon, and goes scuba diving in the Seattle Aquarium to explain why objects like boats, helium, and balloons are buoyant.

A Drop of Water: A Book of Science and Wonder

by Walter Wick (isbn 0590221973)

As you admire the “crown” created by a water drop splashing into a pool, or how many water molecules can fit on the head of a pin (the smallest droplet on a pin contains more than three trillion water molecules), you’ll learn about evaporation, condensation, snowflakes, how clouds form, and more amazing water tricks. Wick’s other photographs include a “wild wave” caused by a brown egg dropped in a water glass, soap bubbles with a “shimmering liquid skin,” a snowflake at 60 times its actual size, and dew on a spider web.

The Pioneers of Flight: A Documentary History

by Phil Scott (isbn 0691011176)

“For some years I have been afflicted with the belief that flight is possible to man.” Thus, on May 13, 1900, Wilbur Wright began the first of many letters that he exchanged over the next decade with Octave Chanute, a retired civil engineer in Chicago who had studied and thought deeply about flight and had published in 1894 a volume entitled Progress in Flying Machines. Chanute and the Wright brothers are among the many pioneers of flight whose writings on the subject appear in Scott’s book.

Man Flies: The Story of Alberto Santos-Dumont, Master of the Balloon, Conqueror of the Air

by Nancy Winters (isbn 0880016361)

Compact, written in short paragraphs and spare sentences, this brief volume tells the story of the Brazilian born balloonist and aviator who during the first decade of the century was believed to be, and widely celebrated as, the first man to fly.

Leonardo da Vinci: Dreams, Schemes, and Flying Machines (Adventures in Art)

by Heinz Kaehne (isbn 3791321668)

From the Mona Lisa to the first designs for a flying machine, this compelling biography of a well rounded genius and the prototypical Renaissance man focuses on Leonardo's full range of interests, from art to anatomy.

Alexander Graham Bell: An Inventive Life

by Elizabeth MacLeod and Barbara Spurrll (isbn 1550744585)

This large format book introduces Alexander Graham Bell in a series of double page spreads featuring topics such as the invention of the telephone, Bell's friendship with Helen Keller, his summer home on Cape Breton, and his experiments building airplanes.

The Kids' Invention Book

by Arlene Erlbach (isbn 0822598442)

Erlbach provides a look at how a number of children were inspired to create (and occasionally patent) interesting or useful inventions. She also includes some steps for beginning the creative process and explains how patents are sought (and how much they cost) in a text that will be relevant and useful for individual inventors as well as classrooms.

8C: All Cells Are Not Phones

Books pertaining to unit:

Eyewitness: Life

by David Burnie (isbn 0789467186)

The origins of life, adaptations of species, and evolution are presented. Included are basic cells, the carbon key, photosynthesis, organs, and systems. An interesting variety of illustrations and color photographs enhance the brief text.

Oxford Children's A to Z of the Human Body

Bridget Ardley and Neil Hardy (isbn 0199103186)

Discover parts of your body by using this dictionary of the body book. It describes where body parts are and how they function and discusses how our body grows and stays healthy.

From the Earth to Beyond the Sky: Native American Medicine

by Evelyn Wolfson and Jennifer Hewitson (isbn 0395550092)

Native Americans have traditionally viewed health as part of their spiritual lives. After describing a number of common plants and how they were used in healing, the book explains the roles, practices, training, ceremonies, and sacred objects of medicine men in a variety of tribes. While the book is written largely in the past tense, it shows that Native American medicine is alive today, both in the traditional practices and in its influence on healers from other cultures.

The Disease Book: A Kid's Guide

by Margaret O. Hyde, Elizabeth H. Forsyth, and Bari Weissman (isbn 0802784976)

This eclectic selection of human disorders, organized by human systems, includes both common diseases and rare conditions. Symptoms, causes, and conventional Western treatments are included for some but not all disorders.

Diseases: Finding the Cure

by Robert Mulcahy (isbn 1881508285)

Mulcahy begins by outlining the earliest theories of medicine and introducing the early physicians. Subsequent chapters focus on one pioneer in the field, a description of the medical breakthrough each was responsible for, and the results produced by that discovery. James Lind, Edward Jenner, Louis Pasteur, Paul Ehrlich, Frederick Banting, Alexander Fleming, and Jonas Salk are discussed.

Bloody Moments and Further Highlights from the Astounding History of Medicine

by Gael Jennings and Roland Harvey (isbn 1550376438)

A delightfully grotesque look at where medicine began and how far it has come since the early days of pouring boiling oil into wounds and sticking smallpox scabs up one's nose.

Ultimate Human Body (CD-ROM)

Windows (isbn 0789412047)

MAC (isbn 078941208X)

Novels:

The Apprenticeship of Lucas Whitaker

by Cynthia DeFelice (isbn 0380729202)

Science and superstition clash over a macabre 19th-century folk remedy for tuberculosis in this tale of an orphaned farm lad taken on by a skeptical apothecary. After his entire family is lost to consumption, Lucas numbly wanders the Connecticut countryside, ending up at last in the home of Uriah M. Beecher, self-described doctor, dentist, apothecary, barber, and (when all else fails) undertaker.

Outbreak: Disease Detectives at Work

by Mark P. Friedlander and Leonard T. Kurland (isbn 0822528606)

In this informative and highly readable account Friedlander illustrates the drama inherent in outbreaks of disease — and the heroic and often ingenious efforts of the people who try to understand and contain them. The sense of mystery and urgency that accompanies such outbreaks is vividly conveyed in an introduction describing an actual case in New York City during the 1940s, in which homeless men with blue tinged skin began appearing on the streets.

Books related to an activity:***What Do You Mean, I Am Like a... ?*****Life Cycle of an Oak Tree**

by Angela Royston (isbn 1575722119)

Teeny Tiny Things**Out of Sight: Pictures of Hidden Worlds**

by Seymour Simon (isbn 1587170124)

The Microscope Book

by Shar Levine, Leslie Johnstone, and David Sovka (isbn 080694899X)

The Usborne Complete Book of the Microscope

by Kirsteen Rogers and Paul Dowswell (isbn 0746031068)

Your Body's Heroes and Villains: Microexplorers

by Patrick A. Baeuerle, Norbert Landa, and Patrick Baeuerle (isbn 0764150510)

Influenza and Other Viruses

by Judy Monroe (isbn 0736810250)

Louis Pasteur

by Ann Fullick (isbn 1575723735)

Louis Pasteur: Father of Modern Medicine

by Beverley Birch and Fiona MacDonald (isbn 1567113362)

Alexander Fleming

by Steve Parker (isbn 1588100502)

Jonas Salk: Polio Pioneer

by Corinne J. Naden and Rose Blue (isbn 0761318046)

Healers and Researchers: Physicians, Biologists, Social Scientists

by Judy McClure (isbn 0817257349)

Keepers of the Earth

by Michael J. Caduto and Joseph Bruchac (isbn 1555910270)

The King's Chessboard

by David Birch and Devis Grebu (isbn 0140548807)

A Microscopic Look**The Microscope Book**

by Shar Levine, Leslie Johnstone, and David Sovka (isbn 080694899X)

The Usborne Complete Book of the Microscope

by Kirsteen Rogers and Paul Dowswell (isbn 0746031068)

A Closer Look at Cells**Cells Are Us**

Fran Balkwill and Mic Rolph (isbn 0876146361)

The Cell Works: Microexplorers: An Expedition into the Fantastic World of Cells

by Patrick A. Baeuerle, Norbert Landa, and Patrick Baeuerle (isbn 0764150529)

Ingenious Genes: Microexplorers: Learning About the Fantastic Skills of Genetic Engineers and Watching Them at Work

by Norbert Landa and Patrick A. Baeuerle (isbn 0764150634)

Cell Wars

by Fran Balkwill and Mic Rolph (isbn 087614637X)

Can You Feel the Beat**The Heart and Circulatory System (The Human Body)**

by Carol Ballard (isbn 0817248005)

The Circulatory System (True Books-Health)

by Darlene R. Stille (isbn 0516262610)

The Heart: Our Circulatory System

by Seymour Simon (isbn 0688170595)

Blood (Look at Your Body)

by Steve Parker, Ian Thompson, and Mark Iley (isbn 0761306110)

The Tell-Tale Heart

by Edgar Allan Poe, Richard Klaw, and Bill Fountain (isbn 1885418035)

It All Fits Together Like a Puzzle**Human Body**

by David Burnie (isbn 0789461048)

The Lungs and Respiratory System (The Human Body)

by Steve Parker (isbn 081724803X)

The Respiratory System (True Books-Health)

by Darlene R. Stille (isbn 0516262769)

Digestion (Look at Your Body)

by Steve Parker, Ian Thompson, and Sandra Doyle (isbn 076130603X)

The Brain: Our Nervous System

by Seymour Simon (isbn 0688170609)

Eating and Digestion (Body Systems)

by Angela Royston (isbn 1575720981)

Muscles: Our Muscular System (Human Body)

by Seymour Simon (isbn 0688177204)

Diet + Exercise = Healthy Body?**Food Rules! The Stuff You Munch, Its Crunch, Its Punch, and Why You Sometimes Lose Your Lunch**

by Bill Haduch, Rick Stromoski, and Lisa Moore (isbn 0141311479)

Exercise and Your Health

Jillian Powell (isbn 0817249273)

Food and Your Health

Jillian Powell (isbn 0817249257)

The Magic School Bus Inside the Human Body

by Joanna Cole and Bruce Degen (isbn 0590414275)

Web Sites:

www.cellsalive.com

<http://encarta.msn.com/find/MediaList.asp?pg=6&mod=2&ti=761568585>

<http://www.mos.org/sln/SEM/gallery.html>

<http://www.bbc.co.uk/science/humanbody/standard/circulation.shtml>

8D: Smoke and Mirrors (The Eyes Have It)

Books pertaining to unit:

Optics (Yesterday's Science, Today's Technology)

by Robert Gardner and Doris Ettliger (isbn 0805028528)

Light and Color (Straightforward Science Series)

by Peter D. Riley (isbn 0531153711)

This resource covers all the main concepts of the properties of light with good illustrations and presentation of essential vocabulary.

Light (Eyewitness Books)

by David Burnie (isbn 0789467097)

Focuses on contemporary and historical developments in the study of light.

Science Works: Light

by Steve Parker and Chris Lyons (isbn 0836819632)

Light has many different and vital uses. Animals need light to see and plants need it to grow. Inventors have used the properties of light to develop devices (microscopes, telescopes, lasers, and cameras) that enhance our lives. Find out how important light is in our world.

Science Magic With Light (Science Magic)

by Chris Oxlade and Ian Thompson (isbn 0812019849)

Tricks teach basics of light refraction, reflection, illusions created by colors, and more.

I Want to Be an Engineer (I Want to Be — Book Series)

by Catherine O'Neill Grace, Stephanie Maze, and Peter Menzel (isbn 0152021094)

Discover various careers in engineering, including civil, mechanical, and electrical engineering. Also learn about robotics and animatronics, which are used to create many of the special effects used in movies.

Bleeps and Blips to Rocket Ships: Great Inventions in Communications

by Alannah Hegedus, Bill Slavin, and Kaitlin Rainey (isbn 0887764525)

Our fast-paced world of fax machines, digital cameras, and cell phones is possible because of the work of inventors who paved the way for modern communications.

The Technology Book for Girls and Other Advanced Beings

by Trudee Romanek and Pat Cupples (isbn 1550746197)

Whether you are zapping your TV with the remote, scanning bar codes at the store, or chatting on the phone, technology is making it happen. Discover how light travels through fiber optic cables, how infrared light opens automatic doors, and radio waves work in a microwave.

Magic

by Peter Eldin (isbn 0753450844)

From the earliest tricks performed for the Egyptian pharaohs to the legendary feats of Houdini to the contemporary, high tech tricks of today's master magicians, this strikingly illustrated volume reveals everything the magic fan wants to know. Includes an A to Z guide to the world's greatest magicians and a helpful glossary of terms.

Special Effects

by Jake Hamilton (isbn 078942813X)

A glimpse behind the scenes of movie sets that reveals the fascinating secrets of special effects experts. In this introduction to the world of illusion, readers discover how the dinosaurs for Jurassic Park were created, how Jim Carrey's eyes popped out in Mask, and how the spectacular arrival of alien spaceships was staged in Independence Day.

Midnight Magic

by Avi (isbn 0590360353)

A nervous king, an exasperatingly playful princess, a diabolical count, an oddly ubiquitous kitchen boy, a magician who doesn't believe in magic, and a servant who knows far too much for his own good. When this motley crew embarks on a medieval ghost hunt, destiny throws plenty of twists and turns their way.

Books specific to an activity

Light Rules

Keepers of the Earth: Native American Stories and Environmental Activities for Children

by Michael J. Caduto, Joseph Bruchac, John Kahionhes Fadden, and Carol Wood (isbn 1555913857)

Light Relations

They All Laughed: From Light Bulbs to Lasers (The Fascinating Stories Behind the Great Inventions That Have Changed Our Lives)

by Ira Flatow (isbn 0060924152)

Lasers (20th Century Inventions)

by Nina Morgan (isbn 0817248129)

Lasers (Inventors and Inventions)

by Mary Virginia Fox (isbn 0761400672)

Radiology (Inventors and Inventions)

by Kathy Winkler (isbn 0761400753)

Marconi's Battle for Radio (Science Stories Series)

by Beverley Birch and Robin Bell Corfield (isbn 0812097920)

Marie Curie's Search for Radium (Science Stories Series)

by Beverley Birch, Christian Birmingham, and Robin Bell Corfield (isbn 0812097912)

Where Does Light Come From?

Holography Handbook: Making Holograms the Easy Way

by Fred Unterseher, F. Ross, and B. Kluepfel (isbn 0894960164)

The Lightbulb (Turning Point Inventions)

by Joseph Wallace and Toby Welles (isbn 0689828160)

The Story of Thomas Alva Edison (Landmark Books)

by Margaret Cousins (isbn 0394848837)

Mirror, Mirror on the ...

101 Amazing Optical Illusions: Fantastic Visual Tricks

by Terry Jennings and Alex Pang (isbn 0806994630)

Little Giant Book of Optical Illusions

by Keith Kay (isbn 0806961740)

Colorful Illusions

by Aki Nurosi and Mark Shulman (isbn 0806929979)

The Art of Optical Illusions

by Al Seckel (isbn 1842220543)

Walter Wick's Optical Tricks

by Walter Wick (isbn 0590222279)

Can You Believe Your Eyes?: Over 250 Illusions and Other Visual Oddities

by J. Richard Block and Harold E. Yunker (isbn 0876306954)

Tools of the Trade

The Camera (Turning Point Inventions)

by Joseph Wallace and Toby Welles (isbn 0689828136)

Cameras (Fantastic Facts)

by Chris Oxlade (isbn 1842151185)

Click: A Book About Cameras and Taking Pictures

by Gail Gibbons (isbn 0316309761)

Galileo (Groundbreakers Scientists and Inventors)

by Paul Mason (isbn 1588100529)

Starry Messenger

by Peter Sis (isbn 0374371911)

Exploring With the Microscope: A Book of Discovery and Learning

by Werner Nachtigall (isbn 080690867X)

Along Came Galileo

by Jeanne Bendrick (isbn 1893103013)

Galileo's Treasure Box

by Catherine Brighton (isbn 0802787681)

Light and Its Additions and Subtractions

Television (Inventors and Inventions)

by Janet Riehecky (isbn 0761400451)

Television: What's Behind What You See

by W. Carter Merbreier, Linda Capus Riley, and Michael Chesworth (isbn 0374373884)

Lights, Camera, Action!: Making Movies and TV from the Inside Out

by Lisa O'Brien and Stephen MacEachern (isbn 1895688760)

John Logie Baird (Groundbreakers)

by Struan Reid (isbn 1575723727)

Color

by Ruth Heller (isbn 0698118588)

Showtime

M. C. Escher: The Graphic Work

by M. C. Escher (isbn 3822896349)

M. C. Escher: His Life and Complete Graphic Work

by M. C. Escher, J. L. Locher, and F. Bool (isbn 0810981130)

8E: Water Systems – The Flow

Books pertaining to unit:

The Kingfisher Young People’s Book of Oceans

by David Lambert (isbn 0753450984)

This book contains a little bit about everything connected with oceans, from tides and marine life to mythical sea creatures and oceans in the arts. Each topic occupies a double page spread and includes numerous color photographs, maps, and illustrations.

Oceans (The Wonders of Our World)

by Neil Morris (isbn 0865058407)

Take a fascinating look at the earth’s five different oceans and their zones, how they were formed, the sea-shore, tides, currents, and the water cycle. Discover how sea life is being threatened by oil spills.

Oceans and Rivers

by Frances Dipper (isbn 1571450270)

The ceaselessly changing underwater world is explored. Discover the marvels that lie under the waters, the amazing plants and animals that live there, and the dangers oceans face from human carelessness and exploitation.

Eyewitness: Ocean

by Miranda MacQuitty and Frank Greenaway (isbn 0789466112)

Splendid color photographs of ocean life and the human technology, such as submarines and diving equipment, used to explore the underwater world.

Where Did All the Water Go?

by Carolyn Stearns and David Aiken (isbn 0870335065)

This story is about a true natural phenomenon that occurs once in a while on the Chesapeake Bay (that cosmic wonder!) when the tides and the wind and the moon and other weather factors are just right.

Sea-Fari Deep

by Nancy Woodman (isbn 0792273400)

A fictional character tags along with the undersea explorers of the Jason Project, a real life science education endeavor. Dusty explains how the explorers use remote cameras and vehicles to see interesting creatures and formations in the deep sea.

The Drop in My Drink: The Story of Water on Our Planet

by Meredith Hooper, et al. (isbn 0670876186)

Water is a part of your everyday life. But when you fill a glass with water, do you ever stop to wonder where it comes from? Readers discover the amazing complexity of a substance so familiar we often take it for granted. Includes a detailed depiction of water cycles, amazing facts about water, plus important environmental information.

Novels:

20,000 Leagues Under the Sea (Books of Wonder)

by Jules Verne, Diane Dillon, Leo Dillon, Anthony Bonner, and Peter Glassman (isbn 0688105351)

Hold on tight as Captain Nemo takes you on a perilous journey deep beneath the ocean waves, into the incredible underwater world where lives the crew of the mighty submarine, Nautilus. When Nemo captures Professor Arronax, his servant, Conseil, and the harpoonist, Ned Land, the prisoners join Nemo’s breathtaking journey through the ocean’s depths in search of long lost revenge.

Videos:

Water Cycle: Oceanography

by Bill Nye

Nye demonstrates the water cycle, evaporation, condensation, precipitation, and collection and explains why oceans are salty.

Books specific to an activity:

Salt Water and Fresh Water

Ocean (Biomes of the World)

by Edward R. Ricciuti (isbn 0761400796)

Sand to Sea: Marine Life of Hawaii (A Kolowalu Book)

by Stephanie Feeney, Ann Fielding, and Ed Robinson (isbn 0824811801)

Waves, Tides, and Coastal Erosion

Floods (First Book)

by Ann Armbruster (isbn 0531202399)

Oceans

by Susan H. Gray (isbn 0756500222)

Cool Technology

Dive: My Adventures in the Deep Frontier

by Sylvia A. Earle (isbn 0792271440)

Dive to the Deep Ocean: Voyages of Exploration and Discovery (Turnstone Ocean Explorer Book)

by Deborah Kovacs (isbn 0739812343)

Humans and Water: A Good Combination?

Protecting the Oceans (Conserving Our World)

by John Baines (isbn 0811434540)

Oceans (Our Endangered Planet)

by Mary Hoff and Mary M. Rodgers (isbn 0822596288)

Keeping Water Clean (Protecting Our Planet)

by Ewan McLeish (isbn 0817249354)

After the Spill: The Exxon Valdez Disaster, Then and Now

by Sandra Markle (isbn 0802786103)

