

General Science Supply List

MSB DVD- *The Complete Magic School Bus DVD Collection*

UE- *The Usborne Internet-Linked First Encyclopedia of Science*

Books- *library books used to reinforce the learning content (any books from your library can be easily substituted). My intention was to choose one fiction and one nonfiction book for each category. Many of the Let's Read and Find Out Science books are scheduled.*

Poem- [101 Science Poems and Songs for Young Learners](#) (Scholastic eBook)

Craft- (SRW)-[Science Read and Write Books](#) (Scholastic eBook)

(AAA)-[Amazing Animal Art Projects](#) (Scholastic eBook)

Experiment- (SBS)-[Sandwich Bag Science](#) (Scholastic eBook)

(SOD)-[Soda Bottle Science](#) (Scholastic eBook)

(CCS)-[Coffee Can Science](#) (Scholastic eBook)

(TS)-[Teaching Science: Yes, You Can!](#) (Scholastic eBook)

Games- [File Folder Games in Color Science](#) (Scholastic eBook) -these will all be printed and assembled before we begin the year and therefore will not be noted in the supply list

*We will also be working our way through the Scholastic Body Book while we are studying Life Science anatomy and using Christian Liberty Press Nature Reader Book 1 when applicable.

General Science Curriculum

<i>Life Science (Animals, Plants, Human Body)</i>							
	<i>MSB DVD</i>	<i>UE</i>	<i>Books</i>	<i>Poem</i>	<i>Craft</i>	<i>Experiment</i>	<i>Games</i>
1	<i>The Busasaurus (Dinosaurs)</i>		<i>-Dinosaur Explorer +What Really Happened to the Dinosaurs?</i>	<i>Fossils</i>		<u>Make a Fossil</u>	
<i>Supplies: 1 cup coffee grounds; 1 cup flour ; 1/2 cup salt ; 1/2 cup cold coffee; Mixing bowl; Mixing spoon or spatula; Wax paper; Cookie cutter or glass to make circle; Shells, ferns, or small animal and insect toys</i>							
2	<i>Gets Ants in its Pants (Ants)</i>	16	<i>*Hey, Little Ant *Ants and Other Social Insects</i>	<i>Underground Creatures</i>	<i>SRW- Counting Insects</i>	<i>TS- Denizens of the Dirt</i>	
<i>Supplies: SRW-pg. 24-27; TS-large plastic plate, live earthworm, hand lens, flashlight, ruler, pen or pencil, pg. 115-116</i>							
3	<i>Going Batty (Bats)</i>		<i>*Stellaluna *Zipping, Zapping, Zooming Bats</i>	<i>Cave</i>	<i>AAA- Bat Hat</i>	<u>Bat Challenge Bat Echolocation</u>	
<i>Supplies: AAA-2 pieces black construction paper, 2 hole reinforcements, white crayon, ruler or straight edge, clear tape, scissors, stapler; print out Bat Challenge paper; 2 empty paper towel rolls, 2 aluminum pie plates, masking tape, and rulers</i>							
4	<i>Butterfly and the Bog Beast (Butterflies)</i>		<i>-The Very Hungry Caterpillar *From Caterpillar to Butterfly</i>	<i>Birth of a Butterfly</i>	<i>SRW- A Butterfly's Life Cycle</i>	<u>Grow plants that attract butterflies</u>	<i>Caterpillar Chat</i>
<i>Supplies: SRW- pg. 34-39; find plants or seeds to grow</i>							
5	<i>In a Beehive (Bees)</i>		<i>*In the Tall, Tall Grass *Honey in a Hive</i>	<i>Pollination</i>		<u>Smelling Bee Project & What Bees See</u>	
<i>Supplies: A variety of foods with various types of scents: pickles, mustard, peanut butter, coffee beans, mint candy, banana, and vinegar; Cotton balls; Handkerchief or other blindfold; Film canisters or other small, opaque containers with lids</i>							

6	Spins a Web (Spiders)		*The Very Busy Spider *Spin, Spider, Spin!	Bugs	AAA-Colorful Beetle	TS- Creepy Critters	
	Supplies: AAA-beetle pattern (pg. 77-78), 3- 12in. Black pipe cleaners, 4in. Length black pipe cleaner, crayons, scissors, hole punch, clear tape, glue stick; TS-live insect in clear container, hand lens, pencil, pg. 107-108						
7	Cracks a Yolk (Chickens)		*Rechenka's Eggs *A Nest Full of Eggs	Eggs	AAA-Bobbin' Robin	Science Experiments with Eggs!	
	Supplies: AAA-robin/worm pattern (pg. 69-70), white, brown, green construction paper, 2 paper fasteners, scissors, clear tape, hole punch, crayons, stapler; a few eggs, a bottle, matches, paper, salt, water, two containers to hold water						
8	In the City (Urban Habitat)		*The City Mouse and the Country Mouse -One Small Square:Backyard	The World of Animals	SRW- Animal Homes	TS- Warm and Furry	Nature's Nursery
	Supplies: SRW- pg. 19-23; TS- 2 plastic cups, warm water, paper towel, 10-20 cotton balls, 2 thermometers, timer, cooler with ice or a freezer, pencil, pg. 123-124						
9	Hops Home (Habitats)		*The Frog House *From Tadpoles to Frog	Amphibians	AAA- Jumping Frog	SOD- Soda Bottle Terrarium	Life at the Lily Pad
	Supplies: AAA- frog pattern (pg. 72), several pieces of green construction paper, 2 hole reinforcements, 3- 12in. Pipe cleaners, scissors, clear tape, green and yellow paint, craft sticks, stapler; SOD- 2 clear 2-liter bottles, sharp scissors, bird seed, soil, ruler, pg. 48-49						
10	Cold Feet (Ectothermy)	22	*Pond Walk *My Beak, Your Beak	Reptiles	AAA- Hide and Peek Turtle	Draw chart of Warm/Cold Blooded Animals	
	Supplies: AAA- turtle pattern (pg. 73), white poster board, 2 hole reinforcements, several colors of construction paper (and scraps), scissors, glue, stapler, crayons or markers; paper for chart, pen						
11	In the Rainforest (Rainforest)	12	*The Great Kapok Tree *The Most Beautiful Roof in the World	Rainforest	SRW- My Book about Seasons	SOD- Rain Gauge	
	Supplies: SRW- pg. 69-74; SOD- clear 1-liter and 2-liter bottles, scissors, ruler, measuring cup (1 pint or larger), large baking dish, small rocks or sand, permanent marker, pg. 38						

12	<i>In the Arctic (Heat)</i>		<i>*Arctic Son *Animals in Winter</i>	<i>Hibernation</i>	<i>SRW- Penguins</i>	<i>CCS- Conduction Cans</i>	<i>It's Winter!</i>
<i>Supplies: SRW- pg. 28-33; CCS- 2 small empty coffee cans, duct tape, foil, ½ gallon pitcher of warm water, scissors, pg. 26</i>							
13	<i>Takes a Dive (Coral Reefs)</i>		<i>*Fish Wish *Life in a Coral Reef</i>	<i>Ocean</i>	<i>SRW- In the Ocean, In the Sea</i>	<i>SOD- Soda Bottle Greenhouse</i>	
<i>Supplies: SRW- pg. 86-89; SOD- 1 each clear and green 2 liter bottle, scissors, ruler, 2 potted plants of same variety, permanent marker, ruler, pg. 53</i>							
14	<i>Gets Swamped (Swamps)</i>		<i>*Grandfather's Dream *Squishy, Misty, Damp, and Muddy</i>	<i>Save Our Animals</i>	<i>AAA- Alligator Arm Puppet</i>	<i>SOD- Infiltration Bottles</i>	
<i>Supplies: AAA- alligator pattern (pg.79), green and white construction paper, 4 hole reinforcements, 2 paper fasteners, scissors, glue, clear tape, hole punch; SOD- 3 clear 1 L. soda bottles, 3 oz. Cup, 1 L. sand, 1 L. small stones, 1 L. topsoil, stopwatch, marker, pg. 40</i>							
15	<i>All Dried Up (Deserts)</i>		<i>*All You Ever Need *Desert Song</i>	<i>Desert</i>	<i>AAA-Slithery Snake</i>	<i>SOD- Porosity Bottle</i>	
<i>Supplies: AAA- snake pattern (pg. 80), construction paper, 2 hole reinforcements, 11 paper fasteners, hole punch, glue, markers; SOD- 1 each 1-L. & 2-L.bottles, pushpin, ruler, 1 L. sand, 1 L. potting soil, 1 L. topsoil, 3 large 16 oz. Cups, 6-8 oz. Cup, marker, stopwatch, pg. 42</i>							
16	<i>Blows Its Top (Volcanoes)</i>		<i>*The Giant Seed *Volcano: the Eruption and Healing of Mt. St. Helens</i>	<i>Mountain</i>	<i>AAA- Snowshoe Hare</i>	<i>TS- Folding Over</i>	
<i>Supplies: AAA- hare pattern (pg. 65-66), white construction paper, 2 hole reinforcements, scissors, glue, stapler, crayons, tape; TS- modeling clay (3 colors), ruler, pg. 27-28</i>							
17	<i>Goes Upstream (Salmon)</i>		<i>*Home at Last *Migration</i>	<i>Animal Movement</i>	<i>AAA-Fish Mobile</i>	<i>TS- Under the Sea</i>	
<i>Supplies: AAA- fish pattern (pg. 74), 4 pipe cleaners, 24 inches of yarn, crayons, glitter glue, scissors, glue; TS- shells, plate, hand lens, pencil, pg. 111-112</i>							

18	Gets Planted (Plants)	20	*Pumpkin, Pumpkin *From Seed to Pumpkin	Green Plants	SRW- I See a Tree	SBS- Transpiration Bags	
Supplies: SRW- pg. 44-48; SBS- 3 gallon size zipper bags, 3 small plants (different variety), sunny spot or grow light, watch with a timer, pg. 60							
19	Goes to Seed (Seeds)		*The Tiny Seed *Seeds Go, Seeds Grow	Parts of the Plant	SRW- Seed to Plant	SBS- Sandwich Bag Seed Germinator	From Seed to Sunflower
Supplies: SRW- pg. 40-43 ; SBS- zipper style sandwich bag, 2 plain white paper towels, stapler, small cup of bird seed, 3 oz. Water, cellophane tape, pg. 51-52							
20	Meet the Rot Squad (Decompose)		*Big Wolf and Little Wolf *What are Food Chains and Webs?	Vegetables		SBS- Moldy Matters	
Supplies: SBS- 3 zipper sandwich bags, 3 slices of preservative free bread, shoe box with lid, refrigerator, masking tape, marker, pg. 55-56							
21	Gets Eaten (Food Chains)	28	*Dory Story *Who Eats What?	Fruits	SRW- Taking Care of my Teeth	TS- Web of Life	Good for Me!
Supplies: SRW- pg. 65-68; TS- pen, 6 strips of paper, glue or tape, pg. 127-128							
22	Goes Cellular (Cells)	18	*There's a Zoo on You! *Cells, Genes, & Chromosomes	Growing		SOD- Yeast Beast	
Supplies: SOD- 2 clear 1 liter bottles, 2 packets of active dry yeast, 1 sugar packet, 2 round balloons, permanent marker, warm water, pg. 60							
23	Inside Ralphie (Immunity)		*Wash Your Hands! *Sleep is for Everyone	Stay Healthy	SRW-Healthy Choices	<u>How Germs Spread</u>	Healthy and Safe
Supplies: SRW- pg. 54-58; hand lotion, glitter, sink or bucket, paper towels, soap, water							

24	<i>For Lunch (Digestion)</i>	30	<i>*There Was an Old Lady Who Swallowed... *What Happens to a Hamburger</i>	<i>Digestion</i>		<i>SBS- Sandwich Bag Stomach</i>	
<i>Supplies: SBS- 2 zipper sandwich bags, 6 oz. Water, watch, assortment of food items (peanuts, crackers, lettuce, etc.), pg. 64</i>							
25	<i>The Haunted House (Sound)</i>	54	<i>*Forest Friends' Five Senses *My Five Senses</i>	<i>Five Sense</i>	<i>SRW- My Five Senses</i>	<i>SBS- Sonic Insulation Bags</i>	<i>Super-Sleuth</i>
<i>Supplies: SRW- pg. 59-64; SBS- alarm clock or bell with a loud sound, 2 zipper sandwich bags each with 8 oz. Of sand, 2 zipper sandwich bags with 8 oz. Water, 2 zipper sandwich bags with air, pg. 32</i>							
26	<i>Makes a Stink (Smell)</i>		<i>*Skunkdog *What Stinks?</i>	<i>Breathing</i>		<i>CCS- Coffee Can Lung</i>	
<i>Supplies: CCS- large coffee can with both ends removed, gallon size plastic storage bag, 4 thick rubber bands, 12 in. round balloon, scissors, pg. 54</i>							
27	<i>Works Out (Blood)</i>	24	<i>*How Our Blood Circulates *A Drop of Blood</i>	<i>Heart and Blood</i>	<i>SRW-Human Body: Riddles About You!</i>	<i>TS-You've Got Heart!</i>	
<i>Supplies: SRW- pg. 49-53; watch with second hand, pencil, pg. 135-136</i>							
28	<i>Flexes Its Muscles (Skeletons)</i>	26	<i>*Parts; More Parts -The Skeleton Inside You</i>	<i>Bones</i>		<i>TS- Mr. Bones</i>	
<i>Supplies: TS- your body, pencil, pg. 151-152</i>							
29	<i>Makes a Rainbow (Color)</i>	52	<i>*The Rainbow Fish *Why Do We See Rainbows?</i>	<i>Rainbow</i>		<u>Rainbow Science Projects</u>	
<i>Supplies: glass of water, pencil; clear glass, water, 2 sheets of white paper, a chair, flashlight; if the weather is sunny you can go outside and use the garden hose</i>							

30	Gets a Bright Idea (Light)		*Lights Out *What Makes a Shadow?	Light		SBS- Sandwich Bag Eyeball	
Supplies: SBS- zipper sandwich bag, water, pg. 46							

Earth Science (Air, Water, Land)

	MSB DVD	UE	Books	Poem	Craft	Experiment	Games
31	Goes on Air (Pressure)		*Hot Air (Priceman) *How Does it Fly? (Masters)	Air		SBS- Air Pressure Bag	
Supplies: SBS- zipper sandwich bag, large clean plastic container, 2 large rubber bands, sharp pencil or pen, pg. 40							
32	Kicks Up a Storm (Weather)	14	-Cloudy With a Chance Of Meatballs *Clouds (Rockwell)	Weather	SRW- My Weather Book	<u>-Wonderful Weather</u>	
Supplies: SRW- pg. 75-80; supplies will vary depending on activity chosen in Wonderful Weather							
33	Wet All Over (Water)		*Water Dance *A Drop Around the World	Water Cycle		<u>-Wonderful Weather</u>	Raindrops Go Round
Supplies: supplies will vary depending on activity chosen in Wonderful Weather							
34	Goes to Mussel Beach (Tidepools)		*Why the Tides Ebb and Flow *Why Do the Oceans Have Tides?	Sand		SBS- Ocean Current Simulator	
Supplies: SBS- a plastic cylinder, 2 zipper sandwich bags, red and blue food coloring, hot and cold water, large rock, a sharp pencil, pg. 38							
35	Ups and Downs (Floating)	46	*Princess Hyacinth *What Floats? What Sinks?	Floating and Sinking		SOD- Cartesian Diver	
Supplies: SOD- 1 2-liter bottle, glass medicine dropper, small plastic cup, water, pg. 11							

36	<i>Rocks and Rolls (Erosion)</i>		<i>*Water Dance *Erosion (Rutten)</i>	<i>Water</i>		<i>TS- Wasting Away</i>	
	<i>Supplies: TS- empty coffee can with lid, 12 oz. Clear cup of water, 3 different rocks (about 2 cm.), large steel nail, watch , paper towels, metric ruler, pg. 19-20</i>						
37	<i>Gets Lost in Space (Solar System)</i>	8	<i>*Going Around the Sun *The Planets in our Solar System</i>	<i>Solar System Math</i>		<i>TS- Welcome to the Neighborhood</i>	<i>Space Adventure</i>
	<i>Supplies: TS- meter stick, roll of white toilet paper, blank mailing labels, colored markers, pg. 51-52</i>						
38	<i>Sees Stars (Stars)</i>		<i>*Song of the Stars *The International Space Station</i>	<i>Stars</i>	<i>SRW- Sun, Moon, Stars, & Planets</i>	<i>TS- Here Comes the Sun</i>	
	<i>Supplies: SRW- pg. 90-94; TS- sheet of graph paper, pencil, ruler, pg. 35-36</i>						
39	<i>Out of this World (Meteorites)</i>		<i>*Call Me Ahnighito *Floating in Space</i>	<i>Our World</i>		<i>TS- Going Through a Phase</i>	
	<i>Supplies: TS- a bright light source (lamp without a shade), unsharpened pencil, Styrofoam ball or old tennis ball or ball with a hole punched in it, pg. 47-48</i>						
o	<i>Holiday Special (Recycling)</i>		<i>*Bag in the Wind *Be A Friend to Trees</i>	<i>Recycling</i>		<i>SOD- Soda Bottle Composters</i>	
	<i>Supplies: SOD- 4 clear 2-liter bottles, thumbtack or pushpin, shredded newspaper, leaves, grass, vegetable scraps, spray bottle, cellophane tape, pg. 63-64</i>						
41	<i>Shows and Tells (Archaeology)</i>	10	<i>*Digging Up History *Archaeologists Dig for Clues</i>	<i>In the Earth</i>	<i>SRW- The Earth Our Home</i>	<i>TS- Fantastic Fossils</i>	
	<i>Supplies: SRW- pg. 81-85; TS- 3 pieces of modeling clay, collection of small items, ruler, cooking oil, paper towel, pg. 31-32</i>						

Physical Science (Forces, Energy, Chemistry, Technology)

	<i>MSB DVD</i>	<i>UE</i>	<i>Books</i>	<i>Poem</i>	<i>Craft</i>	<i>Experiment</i>	<i>Games</i>
42	<i>Plays Ball (Friction)</i>	40, 48	<i>*Bats at the Ballgame</i> <i>*Friction (Niz)</i>	<i>Magnet</i>		<i>CCS- Friction Can</i>	
<i>Supplies: CCS-small empty coffee can with lid, 1 cup dry sand, lab thermometer, watch, pg. 28</i>							
43	<i>Gains Weight (Gravity)</i>	44	<i>*Regards to the Man in the Moon</i> <i>*Gravity! Do You Feel It?</i>	<i>Gravity</i>		<i>TS- Engaging Energy</i>	
<i>Supplies: TS- 2 rulers with a groove running down the center, 4 similar sized blocks, 2 small marbles, pencil, pg. 155-156</i>							
44	<i>Getting Energized (Energy)</i>	38	<i>*The Berenstain Bears' Science Fair</i> <i>*Energy Island</i>	<i>Food</i>		<i>CCS- Inertia Can</i>	
<i>Supplies: CCS- small empty coffee can with lid, dry sand or pebbles, large sheet of newspaper, flat desk, pg. 34</i>							
45	<i>Gets Ready, Set, Dough (Chemistry)</i>	34, 36	<i>*Chato's Kitchen</i> <i>*Chemistry Around the House</i>			<i>SBS- Gas Bag</i>	
<i>Supplies: SBS- safety goggles, zipper sandwich bag, 1 tsp. Baking soda, 3 oz. Vinegar, pg. 15</i>							
46	<i>Meet Molly Cule (Molecules)</i>	32	<i>*Zoom (Banyai)</i> <i>*Matter (Cooper)</i>			<i>TS- Getting Physical</i>	
<i>Supplies: TS- "mystery matter" (16 oz. Cornstarch, 425 mL water mixed), wet paper towel, pencil, pg. 211-212</i>							
47	<i>In a Pickle (Microbes)</i>		<i>*Pickle Things (Brown)</i> <i>*Mysterious Microbes</i>			<u>Make Homemade Pickles</u>	
<i>Supplies: 2 pounds Kirby cucumbers, 1 medium Vidalia onion, 2 celery stalks, coarse salt, 2 cups sugar, 1 cup cider vinegar, 1 teaspoon celery seed, 1 teaspoon mustard seed</i>							
48	<i>Gets Charged (Electricity)</i>	56	<i>*Bryce and the Ice Adventure</i> <i>*I've Discovered Electricity</i>	<i>Electricity</i>		<i>SBS- Static Electricity Bag</i>	
<i>Supplies: SBS- zipper sandwich bag, newspaper, 30cm. Piece of foil, 30cm. Piece of wax paper, dry paper towel, pg. 28</i>							

49	Revving Up (Engines)		*Off Go Their Engines, Off Go Their Lights *Steam, Smoke, and Steel (O'Brian)	Machine Song		<u>Simple Machines Science</u>	
Supplies: <u>Gears pattern</u> , scissors or X-acto knife, Styrofoam tray or plate, thumbtacks, an adult							
0	Taking Flight (Flight)		*Catching the Wind -First Flight	Flight		SBS- Bernoulli Bag	
Supplies: SBS- zipper sandwich bag, pg. 30							
51	Gets Programmed (Computers)	58	*Arthur's Computer Disaster *The Computer (Worland)			<u>Computer Experiments</u>	
Supplies: access to a computer							
52	Under Construction (Structures)		*Sky Boys: How They Built the Empire State Building *How Did They Build That?: House			Use blocks to find most solid structure	
Supplies: building blocks of any type							