

West Brooke Curriculum

Level 4 Science Guide

How to Be Good At/ STEM

SAMPLE

By Jennifer Westbrook

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Level 4 Science Textbook list

DK How to Be Good At Science

Evan Moor Skills Sharpeners Science 4 workbook

Evan Moor STEM Lessons and Challenges 4 workbook

JW References

Science Covered: Life, Earth, Physical, and Engineering

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Science Kit:

Gather some basic household materials & just a few specialty & craft items for Science Experiments and store them in a plastic container or Large shoe box for use throughout the year.

Aluminum foil, plastic wrap
Ball
Balloons
Battery AA, D
Brads, metal
Bird seed
Buzzer with wires attached
Cardboard
Charcoal (aquarium quality or finer)
Cheesecloth or gauze, cloth towels, sponge, plastic cross-stitch grid, canvas cloth, rubber shelf liner
Clay
Clothespins
Containers- cups, buckets, 2-liter soda bottle, storage container, jars w/lids, disposable plates or bowls, empty tissue box, tin cans, empty milk or juice carton, empty rectangular margarine container, shoeboxes etc.
Cotton balls
Erasers
Foam sheets, felt
Food coloring
Funnel
Gelatin, flavored (earthquakes)
Glue: Elmer's Glue All, rubber cement
Hole puncher
Index cards, cardstock, construction paper, tissue paper
Magnets
Marbles
Mini marshmallows (earthquakes)
Nails
Paper tubes: toilet paper, paper towel, aluminum foil tube, empty ribbon spools
Paperclips, large binder clips
Pipe cleaners
Popsicle sticks, craft sticks
Rubber bands
Ruler
Sand, rocks and pebbles
Scissors
Straws
String or yarn
Tape: duct tape, masking tape
Thermometers, 2
Toothpicks
Vinegar
Wire, wire coat hangers, wire mesh, wire cutter
Wood scraps, wooden dowels, plywood/particle board pieces, floor tiles, bricks

Week 1 – Life Science

SS Science 4		Move your body p. 3	Muscles p. 4		
How to Be Good At	How Science Works pp. 10-11	Working Scientifically pp. 12-13	Muscles pp. 56-57	Fields of Science pp. 14-15	
JW References			Was It Designed? The Elephant's Trunk jw.org Awake! April 2012		

Week 2 – Life Science

SS Science 4	Bones pp. 5-6	p. 7	Activity pp. 8-9	Application p. 10	
How to Be Good At	Skeleton pp. 58-59	How animals move pp. 54-55			
STEM 4		Parachute pp. 105-108		pp. 109-112	
JW References		WAS IT DESIGNED? The Horse's Leg jw.org Awake! October 2014		Keys to Better Health- Keep yourself moving jw.org Awake! March 2011	