

Science Materials List – Grade 2

Lesson 1	three red beans three pots (must be the same) soil marker ruler
Lesson 2	a hand lens a ruler a thermometer
Lesson 3	measuring cups three same-sized pots water, tablespoons salt sugar a stopwatch
Lesson 4	10 jumbo popsicle sticks four rubber bands a small bottle cap mini marshmallows a hot glue gun a tape measurer masking tape
Lesson 6	a balloon three large clear cups water measuring cups one-quarter cup of oil a marker one large rock (must fit inside the large cup) one small clear cup (must fit inside the large cup)
Lesson 7	three different types of cookies three different types of crackers
Lesson 8	a large ball (like a basketball) an apple (red or green) a scale
Lesson 9	three balloons water a marker
Lesson 10	a permanent marker four paper plates four droppers dish soap honey olive oil water a stopwatch
Lesson 12	three small storage containers with a lid (all three must be the same size) a small towel cotton balls three large ice cubes
Lesson 13	a small pan a stove a stopwatch ice butter chocolate
Lesson 14	a marker four clear glasses of the same size water

	ice blue food coloring
Lesson 15	a ceramic plate a large Mason jar water, ice cubes
Lesson 16	one crayon a microwave-safe bowl one uncooked egg a cooking pan a plate
Lesson 17	four large pieces of paper scissors matches or a lighter a plate
Lesson 18	four small, clear cups salt white vinegar gravel water three large, clear cups a marker measuring spoons blue food coloring
Lesson 20	full carton of liquid empty carton of the same type
Lesson 21	two marbles flat surface
Lesson 22	flat piece of cardboard ruler or measuring tape books or other objects to stack flat surface small ball (such as a marble or bouncy ball) stopwatch masking tape
Lesson 23	plastic cups rubber bands popsicle sticks glue paper plastic spoons paper towel tubes a ruler cardboard
Lesson 24	metal pan or flat smooth surface rough sandpaper carpet wooden block
Lesson 25	a scale a pencil
Lesson 26	a baseball or tennis ball a basketball or dodgeball a chair
Lesson 27	four refrigerator magnets masking tape paper pencil
Lesson 28	a bar magnet paper clips wooden pencil nails plastic spoon penny rubber bouncy ball
Lesson 29	two bar magnets labeled with north and south poles
Lesson 31	balloons clay

	buttons painted rocks balls colored pieces of paper
Lesson 32	a globe a lamp or flashlight a skewer, dowel rod, or straw a soft sphere-shaped food such as an orange, grape, or tomato
Lesson 33	a flashlight a skewer, dowel rod, or straw a soft, sphere-shaped food such as an orange, grape, or tomato; a marker
Lesson 38	a hard-boiled egg (with the shell kept on)
Lesson 39	a hard-boiled egg a paper plate whipped cream graham crackers five colors of modeling clay (green, blue, red, orange, and yellow) dental floss toothpicks white labels
Lesson 40	two pieces of chalk two cups of vinegar small rocks a sloped surface a cup of water
Lesson 41	one large baking sheet sand or soil one straw toothpicks popsicle sticks marbles different-sized rocks
Lesson 42	an empty liter bottle 1/3 cup (79 mL) of baking soda 1 teaspoon (4.92 mL) dish soap red and yellow food coloring 1 cup (236.59 mL) white vinegar
Lesson 44	a plastic storage container a drill or sharp scissors soil veggie scraps dry leaves a shredded newspaper
Lesson 47	old paper a mixing bowl hot water cheesecloth a picture frame glue or tape a rectangular tub or container (four to six inches deep) a towel a thin piece of fabric a dry sponge cornstarch (optional) a blender (optional)
Lesson 49	leaves scissors clear cups red food coloring magnifying glass (optional)
Lesson 50	one bean seed that has been soaked overnight two toothpicks a magnifying glass

Lesson 51	paper scissors a pencil a paper clip a plastic tub water sunflower seeds a balloon a funnel birdseed a fan a small handful of rice dried beans or popcorn kernels a measuring tape
Lesson 52	three pieces of different fruits five different types of seeds a bowl construction paper five cups glue
Lesson 54	a bag of birdseed a spoon peanut butter or honey a paper tube scissors string
Lesson 56	paper scissors tape
Lesson 57	paper scissors drawing supplies glue a bag
Lesson 59	drawing paper or cardstock a pencil crayons or colored pencils a piece of fruit
Lesson 60	journal pencil paper cardboard egg carton scissors yellow, brown, red or black washable paint paintbrush six chenille stems (pipe cleaners) of the same color one black chenille stem wiggle eyes a black marker glue
Lesson 62	hard-boiled egg paper a pencil a camera (optional) a magnifying glass (optional)
Lesson 63	two clear cups water two tablespoons of salt two pieces of paper pen two same-size pieces of lettuce
Lesson 64	two pieces of white paper or poster paper coloring pencils or crayons glue items from your walk like leaves grass

	feathers
	seeds
Lesson 66	art and craft supplies
	a shoebox
Lesson 68	uncooked pasta
Lesson 69	two straws
	clay or putty
	a rubber band
	a piece of paper
	crayons
	a pencil
Lesson 70	pipe cleaners
	a ruler
	straws (non-flexible, two colors)
Lesson 72	one adult helper
	three paper towel tubes
	scissors
	a paper clip
	rubber bands
	modeling balloons
	tape