



Science Materials List – Grade 5

Lesson 1 a large clear measuring cup or graduated cylinder
water
a small item of your choosing that would fit inside the measuring cup or graduated cylinder

Lesson 3 baking soda
vinegar
a plate
measuring spoons
hot water
yeast
peroxide
dish-washing liquid
food coloring
plastic water bottles

Lesson 4 three balloons
string
a ruler
water
one tablet of an effervescent antacid
an empty water bottle

Lesson 5 two one-ounce plastic cups
clean tap water
a thermometer
two teaspoons of table salt
a stopwatch or timer

Lesson 6 sugar
salt
a balloon
three nuts
three washers
three small bowls

Lesson 7 two tablespoons salt
one-half cup water
a pot
a stovetop
10 paper clips
two tablespoons sand
20 pebbles or aquarium gravel
a small bowl
a magnet
filter paper
a funnel

Lesson 8 water
a tablespoon
a spoon
sugar
two glass measuring cups

a microwave
an electronic scale

Lesson 9 modeling clay
water
three glass measuring cups
one spoonful of white sugar
one spoonful of turbinado sugar
two sugar cubes
a spoon
a stopwatch

Lesson 10 aluminum foil
a tub with water
pennies

Lesson 12 one jumbo paperclip
string
three flat washers
tape
a meter stick
a small box (like a raisin box)

Lesson 13 a balloon
an empty plastic water bottle
a pan with ice and water
a pan with hot boiling water

Lesson 14 one medium glass bowl
vegetable oil
blue food coloring
two small wooden blocks
matches or a lighter
one small candle

Lesson 15 four small plastic containers with a lid
hot water
a thermometer
one small towel
paper towels
aluminum foil
rubber bands

Lesson 19 a globe
a flashlight
a sticker

Lesson 20 adding machine paper or butcher paper
pens

Lesson 21 adding machine paper or butcher paper
pens

Lesson 22 whole black peppercorn
large marble
adding machine paper
pens

Lesson 23 adding machine
paper
pens

Lesson 25 ball or any other small object to throw in the air
paper
pencil
(optional) different colors of Jell-O

Lesson 27	two jars or glasses that are similar in size and shape a measuring cup soil room temperature water a heat lamp or sunny spot outside a digital thermometer a timer	tape a stopwatch
Lesson 28	a large metal or plastic bowl a pitcher or bucket a sheet of clear plastic wrap a dry ceramic mug (like a coffee mug) a long piece of string or a large rubber band water	Lesson 46 a large sheet of paper (or poster board) several pieces of paper for sketching ideas pencils colored pencils or paints flower seeds small containers for planting three kinds of soil a measuring cup
Lesson 31	a plastic container scissors a permanent marker a ruler tape four small paper or plastic cups two straws (non-flexible) tape a stapler one long metal pin one wooden pencil with eraser one marker	Lesson 47 a calculator or pencil and paper
Lesson 32	a glass jar with a lid one-half cup of hot water ice cubes hair spray	Lesson 48 bird feeders bird seed mealworms/suet paper a pencil
Lesson 38	sand or dirt a jar or bottle with a sealed lid sticks rocks desert plants (i.e., succulent) water a kitchen sponge waxed paper toothpicks a flashlight eight-ounce plastic cups water scissors scales modeling clay	Lesson 53 a green leaf a clear glass water sunlight a magnifying glass a shoebox construction paper modeling clay
Lesson 41	two shoeboxes variety of craft supplies scissors glue	Lesson 55 one cup measuring cup water
Lesson 42	three empty three-liter bottles or milk cartons four large glass jars three cups sand three cups garden soil three cups soil with plants and/or moss attached eight cups water eight tablespoons dirt	Lesson 57 a sponge water white carnations food dye a clear cup or glass scissors
		Lesson 59 a small glass mixing bowl plastic kitchen wrap ½ teaspoon salt a fork a piece of yarn
		Lesson 60 a flat surface (table or desk) a ruler
		Lesson 62 aluminum foil cotton balls small paper cups felt a headband marshmallows newspaper packing peanuts popsicle sticks a sponge styrofoam tape
		Lesson 64 plastic cups a pen string a piece of wood

water in a bottle
a balloon full of air
a piece of metal

Lesson 66 construction paper
scissors

Lesson 68 construction paper
poster board
markers

Lesson 70 three drinking glasses
water
ice
paper
a thermometer
a timer