



## Science Materials List – Grade 6

**Lesson 1** a small, clear plastic or glass bowl (that holds two cups of water or more)  
one cup of water  
a large container of salt  
a tablespoon  
a crayon with wrapping removed  
a timer

**Lesson 2** a plant such as a daisy  
a pot  
potting soil  
a laboratory notebook

**Lesson 3** a basic microscope  
four prepared microscope slides (good options are plant cells, a blood sample, or an insect sample)  
a lab notebook

**Lesson 5** a lab notebook  
printed images (from camera, online, or magazine)  
glue  
(optional: poster supplies)

**Lesson 8** craft materials or snack foods  
hot glue  
markers  
colored pencils

**Lesson 9** crayons or colored pencils  
craft supplies  
cardboard

**Lesson 10** a large leaf  
a clear bowl  
a small rock  
water  
poster supplies

**Lesson 12** craft materials  
a hot glue gun  
permanent markers  
paper  
colored pencils  
a lab notebook

**Lesson 20** seven clear cups  
red food coloring  
blue food coloring

**Lesson 21** one bag of round, colorful candy, like Skittles or M&Ms

**Lesson 22** craft materials

**Lesson 24** Monarch Rearing Kit; or a small tank, milkweed plants, twigs, substrate, and monarch caterpillars or a plant with monarch eggs on it

**Lesson 26** a lab notebook  
scrap paper  
a pencil

**Lesson 30** aluminum foil  
glue  
butter  
sprinkles or confetti  
liquid soap  
warm water

**Lesson 33** prepared slides with algae protozoa and a slime or water mold  
microscope  
colored pencils  
lab notebook

**Lesson 34** three clean collection cups  
water from a pond or lake  
pipette  
microscope slides and slide covers  
compound light microscope  
lab notebook  
permanent marker

**Lesson 35** one packet of yeast  
warm water (about one cup)  
one teaspoon of sugar  
a clean plastic bottle  
a balloon

**Lesson 36** three active dry yeast packets  
sugar  
flour  
three small clear cups  
a permanent marker  
a ruler  
a bulb thermometer (or other thermometer for checking the temperature of water)  
three-quarter cup water

**Lesson 38** various plant cell microscope slides  
a compound light microscope  
a lab notebook  
colored pencils

**Lesson 39** celery  
water  
red and blue food coloring  
two large glasses or mason jars  
a sharp knife  
a cutting board  
a specimen slide  
a compound light microscope

**Lesson 40** a collection of fresh pinecones  
two bowls  
warm water  
cold water  
towels

**Lesson 41** a dandelion with root intact  
water  
a lab notebook  
colored pencils or a marker  
a sharp paring knife  
a compound light microscope  
microscope slides and covers

<b>Lesson 42</b>	a potato a knife a cutting board two glass beakers or containers one cup (250 mL) water three tablespoons (37.5 g) of salt tape a permanent marker
<b>Lesson 45</b>	six random equally sized household items a ruler a pen or pencil
<b>Lesson 46</b>	index cards modeling clay or playdough tools to help roll and cut the modeling clay or playdough craft items such as googly eyes or pipe cleaners
<b>Lesson 48</b>	a plate or tray 26 gummy ring-shaped candies 33 tube-shaped uncooked pasta noodles one long pipe cleaner or shoelace (three feet or one meter) one piece of paper or cardboard pre-punched with a hole
<b>Lesson 50</b>	two containers of water that can be heated or cooled (you can use glass cups or heat-tolerant plastic cups) a thermometer a marker a timer a pencil or pen
<b>Lesson 52</b>	two temperature-safe glass containers that can hold two cups of water food coloring a timer a pen or pencil
<b>Lesson 57</b>	one medium-sized bowl one large bag of colored candies (must contain at least four different colors of candy)
<b>Lesson 61</b>	a medium sized baking dish or bowl mini marshmallows hot and cold water flavored gelatin (any color) broken cookies graham crackers or coconut
<b>Lesson 62</b>	a poster board glue markers or colored pencils other craft materials (optional)
<b>Lesson 63</b>	a cooked and cleaned chicken bone a glass jar vinegar
<b>Lesson 64</b>	modeling clay a 3-ounce (88 mL) paper cup a craft stick
<b>Lesson 65</b>	cardstock string scissors

	tape
<b>Lesson 66</b>	two rulers with holes in the center clear tape a large brad a metal paper clip scissors two pieces of string 23-24 inches (58-61 cm) long
<b>Lesson 68</b>	a large, empty plastic bottle two straws three balloons scissors masking tape clay
<b>Lesson 69</b>	a plastic tube clay a large plastic container a stopwatch two liters of water
<b>Lesson 70</b>	a clear plastic bag water salt pepper dry oats paper drawing tools glue dry beans
<b>Lesson 72</b>	a large bowl ice water a stopwatch
<b>Lesson 73</b>	a small box a large tray dry rice
<b>Lesson 74</b>	an egg a light-colored dish
<b>Lesson 75</b>	milk a banana a fork cooked pasta pretzels
<b>Lesson 76</b>	a measuring tape scissors five colors of string bread a banana vinegar a plastic bag a stocking a large bowl paper towels
<b>Lesson 77</b>	a ruler