

## Science Materials List – Grade 4

<b>Lesson 1</b>	a piece of wood a metal sheet pan ice cubes a stop watch paper
<b>Lesson 3</b>	two small plants of the same type in separate pots water one-quarter cup measuring cup a dark area (like in a closet or cabinet) a well-lit area (such as a windowsill)
<b>Lesson 4</b>	two plastic soda bottles two clear plastic cups scissors a hand shovel or trowel an item to hold bottles over cups two cups of loose soil a three-by-five-inch patch of grass two cups of water
<b>Lesson 6</b>	pipe cleaners play-dough (gray or brown color)
<b>Lesson 9</b>	a paper plate glue coloring utensils other household items
<b>Lesson 10</b>	an empty food can yarn or string paper straws paper paint
<b>Lesson 11</b>	clay play-dough any household items to build a model of an imaginary insect
<b>Lesson 15</b>	a paper plate a cherry tomato a toothpick a plastic knife
<b>Lesson 16</b>	12 eggshells soil three different types of seeds water
<b>Lesson 19</b>	two or more magnets with clear and accessible north and south poles optional: other magnetic items
<b>Lesson 20</b>	a ruler a binder clip a can a bottle of water

<b>Lesson 21</b>	two paper plates or cardboard circles a straw or skewer a permanent marker
<b>Lesson 22</b>	three carabiners string a heavy bucket a spring scale
<b>Lesson 23</b>	a wedge, a doorstop, or a chisel loose material such as dirt, sand, or flour
<b>Lesson 25</b>	salt pepper a plastic spoon a cloth
<b>Lesson 26</b>	two balloons aluminum foil one plastic bottle with a cap a small towel
<b>Lesson 27</b>	five galvanized nails five pieces of copper wire (long enough to wrap around the nails) one ice cube tray vinegar one LED light
<b>Lesson 28</b>	sneer electric circuit motor kit
<b>Lesson 29</b>	paper two small magnets iron fillings
<b>Lesson 30</b>	a thin copper wire AA battery an iron nail masking tape paper clips
<b>Lesson 32</b>	a window plastic wrap tissue paper tape
<b>Lesson 33</b>	a paper plate a straw crayons a ruler
<b>Lesson 34</b>	three index cards a hole punch clay a flashlight a large sheet of paper a pencil any small toy
<b>Lesson 35</b>	a flashlight a CD or DVD white paper crayons
<b>Lesson 36</b>	paper markers a glass of water
<b>Lesson 37</b>	eyedropper water

clear plastic sheet protector  
book

---

**Lesson 38** a piece of cardstock or other heavy paper  
a piece of string  
a hole punch  
crayons  
scissors

---

**Lesson 39** magnifying glasses of different sizes and strengths  
small objects with fine detail  
a plastic two-liter bottle  
scissors  
a permanent marker  
purified water

---

**Lesson 41** rice  
two paper plates  
a kitchen towel

---

**Lesson 42** a large container  
flour  
cocoa powder  
a fine mesh sieve  
small balls of different sizes  
a tape measure  
crayons  
clay  
newspaper  
paper  
paint

---

**Lesson 43** paper  
markers  
binoculars  
a device with a camera

---

**Lesson 44** a light source  
a popsicle stick  
a small styrofoam ball

---

**Lesson 45** a small notebook  
a pencil  
black paint  
blue paint  
green paint  
a paintbrush  
a paper bowl  
poster tack  
a flashlight  
nine small Styrofoam balls

---

**Lesson 46** a flashlight  
clay  
toothpicks

---

**Lesson 48** a liter of water  
a graduated cylinder with milliliter measurements  
blue food coloring  
five small plastic cups  
a permanent marker  
a large, clear bowl

---

**Lesson 49** a paper cup  
string  
a hole punch  
water

**Lesson 50** water  
an ice cube tray  
blue food coloring  
a large, clear container

---

**Lesson 51** a shoebox  
clay  
a wooden skewer  
four colors of markers  
graph paper

---

**Lesson 54** a boiled egg

---

**Lesson 55** two pieces of colored chalk  
50 mL vinegar  
50 mL water  
two clear jars

---

**Lesson 56** three shoebox-size containers  
two cups of soil  
two cups of sand  
two cups of gravel or small pebbles  
a one-cup measuring cup  
a long-handled spoon for mixing  
a fan or hair dryer

---

**Lesson 62** a pizza-sized cardboard box  
scissors  
aluminum foil  
clear tape  
plastic wrap  
black construction paper  
newspapers  
a thermometer  
a pencil  
a graham cracker  
chocolate  
marshmallows

---

**Lesson 65** two paper bags  
two straws  
tape

---

**Lesson 66** a small plastic bottle  
scissors  
balloons

---

**Lesson 67** glitter  
paper plates  
a marker  
a bowl  
food coloring  
water  
liquid starch  
clear glue  
two large popsicle sticks  
three rubber bands  
a straw

---

**Lesson 68** two bendable straws  
two small plastic bags  
a permanent marker  
tape

---

**Lesson 69** two styrofoam cups  
a straw  
a thin drink stirrer straw  
water  
a stopwatch

two coffee filters  
tape  
two small containers  
water  
molasses

---

**Lesson 70** a cup  
a balloon  
scissors  
water  
red food coloring  
tape  
two bendable straws  
a plate

---

**Lesson 71** two clear cups  
a paper towel  
water  
food coloring

---

**Lesson 72** four cups of water  
a tray  
blue and red food coloring  
an eyedropper

---

**Lesson 73** mesh fabric  
a camera