



## 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
<b>Lesson 38</b>	a piece of cardstock or other heavy paper a piece of string a hole punch crayons scissors
<b>Lesson 39</b>	magnifying glasses of different sizes and strengths small objects with fine detail a plastic two-liter bottle scissors a permanent marker purified water
<b>Lesson 41</b>	rice two paper plates a kitchen towel
<b>Lesson 42</b>	a large container flour cocoa powder a fine mesh sieve small balls of different sizes a tape measure crayons clay newspaper paper paint
<b>Lesson 43</b>	paper markers binoculars a device with a camera
<b>Lesson 44</b>	a light source a popsicle stick a small styrofoam ball
<b>Lesson 45</b>	a small notebook a pencil black paint blue paint green paint a paintbrush a paper bowl poster tack a flashlight nine small Styrofoam balls
<b>Lesson 46</b>	a flashlight clay toothpicks
<b>Lesson 48</b>	a liter of water a graduated cylinder with milliliter measurements blue food coloring five small plastic cups a permanent marker a large, clear bowl
<b>Lesson 49</b>	a paper cup string a hole punch water

<b>Lesson 50</b>	water an ice cube tray blue food coloring a large, clear container
<b>Lesson 51</b>	a shoebox clay a wooden skewer four colors of markers graph paper
<b>Lesson 54</b>	a boiled egg
<b>Lesson 55</b>	two pieces of colored chalk 50 mL vinegar 50 mL water two clear jars
<b>Lesson 56</b>	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
<b>Lesson 62</b>	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
<b>Lesson 65</b>	two paper bags two straws tape
<b>Lesson 66</b>	a small plastic bottle scissors balloons
<b>Lesson 67</b>	glitter paper plates a marker a bowl food coloring water liquid starch clear glue two large popsicle sticks three rubber bands a straw
<b>Lesson 68</b>	two bendable straws two small plastic bags a permanent marker tape
<b>Lesson 69</b>	two styrofoam cups a straw a thin drink stirrer straw water a stopwatch

two coffee filters  
tape  
two small containers  
water  
molasses

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

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

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

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**Lesson 73** mesh fabric  
a camera