

4th Grade - *included in kit*

<p>Week 1</p>	<ul style="list-style-type: none"> ● Classroom objects ● Measuring tools (e.g., rulers, *measuring tapes*, scales, beakers, syringes, thermometers, etc.) ● Items to measure (assorted classroom objects that can be measured using the measuring tools chosen for the stations) ● *Tape* ● Paper (optional) ● Meterstick 	<ul style="list-style-type: none"> ● Classroom objects that can be measured using a ruler ● Classroom objects that can be measured using a scale ● Yardstick ● *Standard rulers* (in., ft.) ● *Graduated cylinders* ● Water, *beakers* ● Books ● *Calculators*
<p>Week 2</p>	<ul style="list-style-type: none"> ● Paper (optional) ● Chart or butcher paper ● *Vinegar* (4 cups) ● *Food coloring* 	<ul style="list-style-type: none"> ● *Resealable plastic bags* ● *Baking soda* (5 Tbsp.) ● Toilet paper or tissues
<p>Week 3</p>	<ul style="list-style-type: none"> ● Chart paper (one for the class) ● Research materials (online resources, library books, etc.) ● Materials to test (cardboard, plastic, paper, etc.) ● Materials to build products, enough for each student to create one project (plastic bags, shoe boxes, thin cardboard boxes [cereal or cracker boxes], glue, duct tape, masking tape, beads, pipe cleaners, stickers, markers, colored paper, scrapbook paper, scissors, etc.) 	<ul style="list-style-type: none"> ● Chart paper (one for class) ● School supplies, enough for the class to share to create a product (glue, scissors, colored pencils, markers, pencils, pens, rulers, etc.)
<p>Week 4</p>	<ul style="list-style-type: none"> ● Black construction paper ● Yellow and white colored pencils ● Map of the United States (optional) ● Materials to create classroom models 	<ul style="list-style-type: none"> ● *Tape* ● Chart paper ● Materials to make advertisements (construction paper, posters, glue, scissors, crayons, colored pencils, etc.) (optional)
<p>Week 5</p>	<ul style="list-style-type: none"> ● Chart paper ● Paper (32) ● *Tape* ● Books (various sizes and weights for testing paper towers for class to share) ● Research materials (online resources, library books, etc.) 	<ul style="list-style-type: none"> ● *Plastic cups* ● *Rubber bands* (optional) ● Paper clips (optional) ● Yarn (optional)

Week 6	<ul style="list-style-type: none"> ● *Ping pong balls* ● Basketballs ● Toy car ● Ramp ● Bowl of water ● *Tuning fork* 	<ul style="list-style-type: none"> ● *Disposable foil pie pans* (optional) ● *String* or yarn (optional) ● Sticks ● Pens or pencils (optional) ● *Baseballs* ● Premade gongs (optional)
Week 7	<ul style="list-style-type: none"> ● *Baseballs* ● *Softballs* 	<ul style="list-style-type: none"> ● Baseball equipment (optional) ● Paper ball (optional)
Week 8	<ul style="list-style-type: none"> ● Chart paper (optional) ● Grid paper ● Chairs ● Meter stick ● *Fishing line* 	<ul style="list-style-type: none"> ● Fishing weights or *washers* ● Pens or markers ● *Pool noodles* (cut in half lengthwise) ● *Masking tape* ● *Marbles* ● *Stopwatches* or timers
Week 9	<ul style="list-style-type: none"> ● Clipboards (optional) ● Paper (optional) ● Materials to test static electricity (tissue paper, cardboard, aluminum foil, books, etc.) ● *Different types of batteries* (AA, AAA, C, 9V2, etc.) ● *Button batteries* 	<ul style="list-style-type: none"> ● *5mm LED diode bulbs* ● *Salt* ● *Pepper* ● Paper or *plastic cups* ● *Balloons* ● Wool fabric (optional) ● *Wax paper*
Week 10	<ul style="list-style-type: none"> ● Research materials (online resources, library books, etc.) ● *Small marbles* ● *Large marbles* ● *Masking tape* 	<ul style="list-style-type: none"> ● Meter sticks ● Water bottles or milk jugs ● Several balls per group (basketball, *baseball*, *tennis ball*, *ping pong ball*, etc.)
Week 11	<ul style="list-style-type: none"> ● Scissors ● *Rulers with grooves* ● *Marbles* ● Bowl ● Thin metal baking sheet ● Plastic wrap (enough to cover the bowl) ● Tape or rubber bands (one roll of tape or three rubber bands to fit over the bowl) ● Speaker (optional) ● *Drum* ● *Drumstick* ● *Rice* (1/8 cup) ● *Stopwatch* or timer (one per group) ● *Calculators* ● *Red food coloring* 	<ul style="list-style-type: none"> ● *Blue food coloring* ● *Beakers* ● Water ● Heat source (stovetop, microwave, *hot plate*, etc.) ● Ice ● Red and blue crayons ● *Balloons* ● *Lightweight string* ● Thread or *curling ribbon* ● Wool fabric (socks, mittens, scarf, sweater, blanket, etc.) ● Tissue paper ● Empty aluminum can

Week 12	<ul style="list-style-type: none"> ● Bluetooth speaker ● Materials to build a Rube Goldberg Machine: ● Toilet paper rolls ● *Straws* ● *String* ● Paper ● *Tape* ● *Marbles* or *ping pong balls* 	<ul style="list-style-type: none"> ● Empty soda bottles ● Aluminum cans ● Toys such as cars, yo-yos, blocks, etc. ● *Balloons* ● *Rubber bands* ● Springs ● Ribbons ● Hair ties
Week 13	<ul style="list-style-type: none"> ● Power bill (optional) 	
Week 14	<ul style="list-style-type: none"> ● Pennies, blocks, or tiny pieces of paper 	
Week 15	<ul style="list-style-type: none"> ● Shallow dishes or *pie pans* ● *Straws* ● *Medium- or large-sized container* ● *Hair dryer or compact fan* ● Metersticks ● *Dominoes* ● *Stopwatches* 	<ul style="list-style-type: none"> ● *Cotton string* or yarn ● Paper clips ● Paper towels ● *Nail* or other sharp object ● Water ● *Calculators* ● *Rulers* ● *Plastic cups*
Week 16	<ul style="list-style-type: none"> ● *Spring toys* ● *Jump ropes* ● Recyclable materials to build devices that capture wind energy (optional), Fans or blow dryers (optional) ● Plastic container, book, tarp or other covering (optional) ● *Clay* 	<ul style="list-style-type: none"> ● Sand (4 cups) ● Water ● *Blue food coloring* ● *Tape* ● *Ruler* ● *Hair dryer* ● *Five-gallon plastic ice cream container lid*
Week 17	<ul style="list-style-type: none"> ● *AA batteries* ● *5mm LED diode bulbs* ● *Aluminum foil or *copper tape* 	<ul style="list-style-type: none"> ● *Tape* ● Props (optional) ● *Flashlights*
Week 18	<ul style="list-style-type: none"> ● Colored pencils, crayons, or markers ● Tape or glue ● White paper or cardstock ● *Prism* ● Scissors 	<ul style="list-style-type: none"> ● *Flashlights* ● Markers or colored pencils ● 3x5 index cards ● Black markers
Week 19	<ul style="list-style-type: none"> ● Chart paper (optional) ● Sentence strips ● *Tape* ● *Large styrofoam balls* ● *Medium styrofoam balls* ● *Popsicle sticks* ● Blue, green, and yellow markers 	<ul style="list-style-type: none"> ● Gray markers ● *Flashlight* or projector light ● *Paper plates* (optional) ● Pencils or wooden sticks (optional) ● Compasses (optional) ● Floor lamp (optional) ● *Small styrofoam balls*

<p>Week 20</p>	<ul style="list-style-type: none"> ● Different types of green leaves ● Microscopes or *magnifying glasses* ● *Glass beakers* ● *Rubbing alcohol* ● Hot tap water ● *Coffee filter* ● Scissors 	<ul style="list-style-type: none"> ● Graph paper ● *Rulers* or straight-edges ● *Calculators* ● Short story or children's book ● Green leaves ● *Clear cup(s)* ● Water
<p>Week 21</p>	<ul style="list-style-type: none"> ● Chart paper (optional) ● Music ● Chairs ● Research materials (online resources, library books, etc.) 	<ul style="list-style-type: none"> ● Posters ● Map of the world (optional)
<p>Week 22</p>	<ul style="list-style-type: none"> ● Recyclable materials, such as milk cartons, egg cartons, soda bottles, empty plastic containers, cardboard, balloons, rubber bands, craft sticks, straws, fabric, packing materials, etc. 	<ul style="list-style-type: none"> ● Boiled eggs ● Tarp or other covering (optional)
<p>Week 23</p>	<ul style="list-style-type: none"> ● Research materials (online resources, library books, etc.) ● Objects for obstacle course (chairs, desks, etc.) ● *Blindfolds* 	
<p>Week 24</p>	<ul style="list-style-type: none"> ● Sticky paper ● *Glass pebble* ● *Mirrors* ● Sugar (1 tsp per student) ● *Salt* (1 tsp per student) ● Baker's chocolate (one small piece per student) ● Lemon wedges or a different set of sweet, salty, bitter, and sour foods (one small wedge per student) ● *Velvet* ● Sticky paper ● *Slime* ● *Sponge* 	<ul style="list-style-type: none"> ● *PTC taste test paper strips* ● Jelly beans or another fruit-flavored candy ● *Plastic cups* ● Lemon juice ($\frac{1}{8}$ c per student) ● Tonic water ($\frac{1}{8}$ c per student) ● Tap water ($\frac{1}{8}$ c per student) ● *Toothpicks* ● Burlap ● Paper bags ● *Sandpaper* ● *Cotton balls* ● *Dark colored container (mylar bags)*
<p>Week 25</p>	<ul style="list-style-type: none"> ● Tools (screwdriver, tape measure, pliers, wrench, drill, etc.) ● Three different colors of paper ● Scissors ● Timer or *stopwatch* ● *Glass jars* or clear containers ● *Food coloring* ● Stalks of celery ● Tarp or other covering ● *Skewers* 	<ul style="list-style-type: none"> ● *Plastic Spoons* ● *Clothespins* ● *Large popsicle sticks* ● *Plastic cups* ● *Paper plates* ● *Rice* (4 cups) ● *Rubber bands* ● *Dry macaroni noodles* (4 cups) ● *Beans* (4 cups) ● Research materials (online resources, library books, etc.)

<p>Week 26</p>	<ul style="list-style-type: none"> ● *Adding machine tape* or butcher paper ● *Rulers* (mm, cm) ● Meterstick(s) ● Chart paper (optional) ● Paper (optional) ● Research materials (online resources, library books, etc.) ● Marshmallow crispy treats ● Strawberry or pink canned frosting ● Fruit leather or fruit snack rolls ● Gummy worms ● Gummy fish ● Chocolate candies or fruit snacks 	<ul style="list-style-type: none"> ● Plastic knives or *popsicle sticks* ● *Paper plates* ● *Tape* or glue ● *Balls of clay* ● Small instruments (i.e., paper clips, pencils, plastic animals, plastic dinosaurs, plastic plants, etc.) ● Chart paper (optional) ● Paper ● Colored pencils, markers, and/or crayons ● Other crafting materials for books (optional) ● Chocolate canned frosting
<p>Week 27</p>	<ul style="list-style-type: none"> ● Signs ● *Six-sided dice* ● *Plaster of paris* ● Water ● Molds or 1/2-pint milk cartons ● *Petroleum jelly* (optional) ● *Sedimentary rocks* (optional) ● *Large cups* 	<ul style="list-style-type: none"> ● Gravel and/or shells ● *Metamorphic rocks* (optional) ● *Clay* ● *Craft sticks* ● *Igneous rocks*, including pumice (optional) ● *Magnifying glasses* (optional) ● Sand (32 cups)
<p>Week 28</p>	<ul style="list-style-type: none"> ● *Ruler*, yardstick, or measuring tape (optional) ● Sugar cubes or hard candies ● *Aluminum pan* ● Sand (4 cups) ● Ruler ● Glass of water ● Large containers filled with water ● Rocks ● *Balloons* ● Oranges 	<ul style="list-style-type: none"> ● Marshmallows ● Sugar cube sculpture ● Glue ● *Eyedropper* ● Soda ● *Rulers* ● *Glass bottle* ● Water ● *Plastic bag* to hold glass bottle ● Freezer
<p>Week 29</p>	<ul style="list-style-type: none"> ● Map (optional) ● Metersticks, yardsticks, or *measuring tapes* (optional) ● Graph paper (optional) ● Caches or materials to create caches (manila folders, plastic bags, markers, etc.) 	<ul style="list-style-type: none"> ● *Compasses* ● *Clay*, play dough, or salt dough ● *Dental floss* ● Paper ● Materials to create team tokens (paper, index cards, colored pencils, markers, crayons, etc.)
<p>Week 30</p>	<ul style="list-style-type: none"> ● Chart paper (optional) ● Colored pencils and/or crayons ● Water ● *Container* ● *Needle* 	<ul style="list-style-type: none"> ● *Balloons* ● Tape, tablecloths, or sheets of butcher paper ● Sticky notes

<p>Week 31</p>	<ul style="list-style-type: none"> ● *Toothpicks* ● Mini-marshmallows ● Textbooks or notebooks ● *Containers* that can hold up to one cup of water (e.g., plastic bins, aluminum pie tins, etc.) ● Water pitcher filled with water ● Various craft supplies (e.g., clay, play dough, sponges, paper, marshmallows, toothpicks, pipe cleaners, etc.) ● Electric fan or *hair dryer* <ul style="list-style-type: none"> ● *Index cards* ● *Straws* ● *Popsicle sticks* ● *String* ● *Pipe cleaners* ● *Tape* ● *Tennis balls* ● Scissors ● *Rulers* ● *Stopwatches*
<p>Week 32</p>	<ul style="list-style-type: none"> ● *Baking soda* ● *Vinegar* ● Trays of sand <ul style="list-style-type: none"> ● Water ● Research materials (online resources, library books, etc.)