

# Level K Module 1 Materials

## Weather with Spotlight Lessons on Forces and Motion

The lists below summarize the materials necessary to implement the Level K Module 1 curriculum. The lists compile items from the Materials Tables for each lesson set but separate items available for purchase in *PhD Science*® kits from those items the schools provide. The suggested quantities are for a class of 24 students and up to 6 groups of students.

Schools that purchase kits receive materials in the Kit Items list. Schools may also purchase refill kit items, identified by ☺, for subsequent years of implementation. Schools that do not purchase kits must provide those materials in addition to the materials in the School Supplied list. School supplied items are commonly available in classrooms or in stores. In addition to the listed materials, teachers may need access to such items as sunlight, electricity, uncarpeted areas, and sturdy level surfaces (tables or desks).

To learn more about the resources for this module as well as other components of *PhD Science*®, visit [greatminds.org/texas](http://greatminds.org/texas).

## Weather

Kit Items	School Supplied Items
<input type="checkbox"/> Box, cardboard, 12" × 12" × 12", unassembled	<input type="checkbox"/> Aluminum foil
1 ☺	1 roll
<input type="checkbox"/> Calendar pocket chart	<input type="checkbox"/> Bags, resealable plastic, 1 gal
1	18
○ Days of the week cards	<input type="checkbox"/> Cardboard, 6" × 6"
7	7
○ Month cards	<input type="checkbox"/> Cardboard box, 4" × 4" × 5" or smaller
12	1
○ Number cards	<input type="checkbox"/> Chart paper
31	15 sheets
<input type="checkbox"/> Clothespins, wooden, 3"	<input type="checkbox"/> Clipboard
24	1
<input type="checkbox"/> Containers, clear plastic, round, 8 oz	<input type="checkbox"/> Construction paper, blue, green, orange, purple, red, yellow, 9" × 12"
8	6 sheets each color
<input type="checkbox"/> Craft sticks, jumbo	<input type="checkbox"/> Containers, insulated, large
120 ☺	2
<input type="checkbox"/> Figurines (3" or less, represent people)	<input type="checkbox"/> Craft foam, 9" × 12"
39	1 sheet
<input type="checkbox"/> Flashlights with batteries	<input type="checkbox"/> Crayons, red
6	24
<input type="checkbox"/> Floor tiles, adhesive backing, 12" × 12"	<input type="checkbox"/> Cups, disposable, insulated, 12 oz
2 ☺	29
<input type="checkbox"/> Gravel/Small rocks	
6 $\frac{1}{4}$ cups ☺	

<input type="checkbox"/> Labels, removable, waterproof, 1" × 3" 9 ☉	<input type="checkbox"/> Digital camera 1
<input type="checkbox"/> Lace 6 sq ft ☉	<input type="checkbox"/> Equity sticks Class set
<input type="checkbox"/> Painter's tape 1 roll ☉	<input type="checkbox"/> Envelope, manila, 9" × 12" 1
<input type="checkbox"/> Pans, aluminium, 13" × 9" × 2" 7 ☉	<input type="checkbox"/> Felt, 9" × 12" 1 sheet
<input type="checkbox"/> Plastic mesh 6 sq ft ☉	<input type="checkbox"/> Flagging tape, 1" thick 9 ft
<input type="checkbox"/> Screen 6 sq ft ☉	<input type="checkbox"/> Glue sticks 6
<input type="checkbox"/> Sentence strips 15 ☉	<input type="checkbox"/> Hair dryer with cool setting 1
<input type="checkbox"/> Spice shakers, 4 oz 6	<input type="checkbox"/> Ice cubes About 52
<input type="checkbox"/> Straw connector set 1	<input type="checkbox"/> Index cards, 3" × 5" 70
<input type="checkbox"/> Table fan 1	<input type="checkbox"/> Linking cubes
<input type="checkbox"/> Thermometers	○ Blue At least 54
○ Demonstration 1	○ Green At least 258
○ Fahrenheit, plastic back 12	○ Orange At least 54
<input type="checkbox"/> Indoor-Outdoor 1	○ Yellow At least 174
<b>Items Required from Other Level K Kits</b>	
<b>Safety</b>	
<input type="checkbox"/> Safety goggles 24	<input type="checkbox"/> Magnet (optional) 1
	<input type="checkbox"/> Markers
	○ Blue 1
	○ Dry erase 1
	○ Orange 1
	○ Permanent 1
	<input type="checkbox"/> Measuring cup, dry, $\frac{1}{3}$ cup 1
	<input type="checkbox"/> Newspapers 6 sheets
	<input type="checkbox"/> Paper
	○ 11" × 17" or larger 12 sheets
	○ Printer, 8.5" × 11" 1 sheet
	○ Tissue, 9" × 12" 1 sheet
	<input type="checkbox"/> Paper towels 1 roll
	<input type="checkbox"/> Plants, small with leaves (live or artificial) 7
	<input type="checkbox"/> Plates, rimmed heavy paper, 7" 24
	<input type="checkbox"/> Pocket chart 1
	<input type="checkbox"/> Potting soil $2\frac{1}{3}$ cups
	<input type="checkbox"/> Rulers 12
	<input type="checkbox"/> Scissors 1
	<input type="checkbox"/> Sheet or blanket 1
	<input type="checkbox"/> Sheet protector 1
	<input type="checkbox"/> Stapler 1
	<input type="checkbox"/> Stickers, small dot 10
	<input type="checkbox"/> Sticky notes 3 pads

	<ul style="list-style-type: none"> <li><input type="checkbox"/> Tape                             <ul style="list-style-type: none"> <li><input type="radio"/> Clear <span style="float: right;">1 roll</span></li> <li><input type="radio"/> Packing, clear, 2" wide <span style="float: right;">1 roll</span></li> </ul> </li> <li><input type="checkbox"/> Tent-building materials <span style="float: right;">6 sets</span> (e.g., blankets, cardboard, boxes, poster boards, sheets, tarps, towels)</li> <li><input type="checkbox"/> US map (optional) <span style="float: right;">1</span></li> <li><input type="checkbox"/> Water <span style="float: right;">Access</span></li> <li><input type="checkbox"/> Whiteboard, teacher's (optional) <span style="float: right;">1</span></li> <li><input type="checkbox"/> Yarn <span style="float: right;">9 ft</span></li> </ul>
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## Spotlight Lessons on Forces and Motion

Kit Items		School Supplied Items			
<input type="checkbox"/>	Bingo chips, blue	5 ☉	<input type="checkbox"/>	Chart paper	3 sheets
<input type="checkbox"/>	Bottle caps, plastic	12	<input type="checkbox"/>	Computers or tablets with internet access	5
<input type="checkbox"/>	Brads, brass	100	<input type="checkbox"/>	Dime coins	12
<input type="checkbox"/>	Building blocks, plastic, blue, red	48 each color	<input type="checkbox"/>	Folders or other visual barriers	12
<input type="checkbox"/>	Craft sticks, jumbo	12 ☉	<input type="checkbox"/>	Index cards, 3" × 5"	12
<input type="checkbox"/>	Jar lids, steel	12	<input type="checkbox"/>	Marker	1
<input type="checkbox"/>	Magnets		<input type="checkbox"/>	Whiteboard, teacher's (optional)	1
○	Bar, with red and blue ends	12			
○	Ceramic ring, coated	12			
○	Wand	12			
<input type="checkbox"/>	Nuts, steel	12			
<input type="checkbox"/>	Paper clips, steel, medium	20 ☉			
<input type="checkbox"/>	Table tennis ball	1			
<input type="checkbox"/>	Teaspoons, steel	12			
<input type="checkbox"/>	Timer, digital	1			
<input type="checkbox"/>	Toy car	1			
<input type="checkbox"/>	Spinning top	1			
<input type="checkbox"/>	Washer, steel	1			
<b>Items Required from Other Level K Kits</b>					
<b>Safety</b>					
<input type="checkbox"/>	Safety goggles	24			