

Level 3 Module 2 Materials

Survival and Change with Spotlight Lessons on Weather

The lists below summarize the materials necessary to implement the Level 3 Module 2 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.

Survival and Change

Kit Items		School Supplied Items	
<input type="checkbox"/> Bin, clear plastic, 6 qt	1	<input type="checkbox"/> Animals in artificial habitats (alternative to butterflies, optional)	2
<input type="checkbox"/> Butterflies, plastic	6	<input type="checkbox"/> Bags, resealable plastic, 1 qt	6
<input type="checkbox"/> Butterfly habitat	1	<input type="checkbox"/> Books	6
<input type="checkbox"/> Clay, modeling, nonhardening	2 lb ♻️	<input type="checkbox"/> Box, cardboard (optional)	1
<input type="checkbox"/> Clothespins, 1"	10	<input type="checkbox"/> Chart paper	12 sheets
<input type="checkbox"/> Painted lady butterfly 5-larvae cultures	2 ♻️	<input type="checkbox"/> Construction paper	
<input type="checkbox"/> Dot die	1	○ Black, 4" × 5"	24 sheets
<input type="checkbox"/> Leaves, paper	80 ♻️	○ White, 11" × 17"	8 sheets
<input type="checkbox"/> Magnifiers, handheld, plastic	4	<input type="checkbox"/> Craft sticks	24
<input type="checkbox"/> Modeling clay, air dry	2 lb ♻️	<input type="checkbox"/> Cups	
<input type="checkbox"/> Radish seed packet	1 ♻️	○ For craft sticks	3
<input type="checkbox"/> Scales, digital, ± 1 g	2	○ Plastic, 9 oz	14
<input type="checkbox"/> Tape measure, 1.5 m	1	<input type="checkbox"/> Equity sticks	Class set
<input type="checkbox"/> Test tubes, plastic	8	<input type="checkbox"/> Glue sticks	24

<input type="checkbox"/> Timers, digital	2	<input type="checkbox"/> Hand tissues	About 14
<input type="checkbox"/> Thermometers, Fahrenheit, metal back	2	<input type="checkbox"/> Highlighters (optional)	24
<input type="checkbox"/> US Map	1	<input type="checkbox"/> Ice	8 cups
		<input type="checkbox"/> Index cards, 3" × 5"	10
		<input type="checkbox"/> Leaves, real (optional)	108
		<input type="checkbox"/> Measuring cup, dry, 1 cup	1
		<input type="checkbox"/> Paper	
		○ Grid or lined (optional)	48 sheets
		○ Printer, 8.5" × 11"	57 sheets
		○ Small pieces	25–50
		<input type="checkbox"/> Pencils, 12 colors	6 sets
		<input type="checkbox"/> Plates, paper	5
		<input type="checkbox"/> Potting soil	14 cups
		<input type="checkbox"/> Rubber band	1
		<input type="checkbox"/> Rulers, metric	24
		<input type="checkbox"/> Scissors	12
		<input type="checkbox"/> Sticky notes	288
		<input type="checkbox"/> String	3 m
		<input type="checkbox"/> Tape	
		○ Clear	1 roll
		○ Masking (optional)	1 roll
		<input type="checkbox"/> Water	Access
		<input type="checkbox"/> Whiteboards (optional)	
		○ Personal	24
		○ Teacher's	1

Spotlight Lessons on Weather

Kit Items		School Supplied Items	
<input type="checkbox"/> Bottle, clear plastic, 2 L	1 ☉	<input type="checkbox"/> Blade of grass or small leaf	1
<input type="checkbox"/> Gravel	1 cup	<input type="checkbox"/> Chart paper	15 sheets
<input type="checkbox"/> Ruler, plastic	1	<input type="checkbox"/> Cups, 9 oz	12
<input type="checkbox"/> Thermometers, Fahrenheit	12	<input type="checkbox"/> Ice cubes	36
<input type="checkbox"/> US map	1	<input type="checkbox"/> Marker, permanent	1
Items Required from Other Level 3 Kits		<input type="checkbox"/> Paper clips	3–4
Spotlight Lessons on Matter		<input type="checkbox"/> Rubber bands	2
<input type="checkbox"/> Thermometers, Fahrenheit	13	<input type="checkbox"/> Scissors	1
Safety		<input type="checkbox"/> Sticky notes	1 pad
<input type="checkbox"/> Safety goggles	24	<input type="checkbox"/> Tape	12 rolls
		<input type="checkbox"/> Water	Access
		<input type="checkbox"/> Whiteboard, teacher's (optional)	1
		Optional Anemometer Extension Materials	
		<input type="checkbox"/> Bottles, plastic, 16.9 oz (optional)	6
		<input type="checkbox"/> Cups, paper, 3 oz	30
		<input type="checkbox"/> Fan, household	1
		<input type="checkbox"/> Hole punches, single hole	6
		<input type="checkbox"/> Markers, colored	6
		<input type="checkbox"/> Pencils	6
		<input type="checkbox"/> Sand (optional)	12 cups
		<input type="checkbox"/> Scissors (optional)	6
		<input type="checkbox"/> Straight pins	6
		<input type="checkbox"/> Straws, plastic	12