

Level 2 Module 2 Materials

Biomes with Spotlight Lessons on Weather

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

Biomes

Kit Items		School Supplied Items	
<input type="checkbox"/> Bag clips	12	<input type="checkbox"/> Chart paper	30 sheets
<input type="checkbox"/> Box, photo, 11" × 17"	1	<input type="checkbox"/> Construction paper, 9" × 12"	2 sheets
<input type="checkbox"/> Containers, clear plastic, round, 16 oz	4	<input type="checkbox"/> Crayons, red	6
<input type="checkbox"/> Craft foam sheets, 9" × 12"		<input type="checkbox"/> Dental floss	1 spool
○ Green	6 ☺	<input type="checkbox"/> Freezer	Access
○ Tan	6 ☺	<input type="checkbox"/> Globe, inflatable (optional)	1
○ White	6 ☺	<input type="checkbox"/> Glue sticks	24
○ Yellow	6 ☺	<input type="checkbox"/> Highlighters, 4 colors	1 set
<input type="checkbox"/> Food coloring, blue	1 oz ☺	<input type="checkbox"/> Marker, permanent	1
<input type="checkbox"/> Graduated cylinder, 100 mL	1	<input type="checkbox"/> Mixing spoon	1
<input type="checkbox"/> Hook and loop fastener	2 ft ☺	<input type="checkbox"/> Objects to test (e.g., baby carrot, seedless grape, small potato, bingo chip, unwrapped crayon)	At least 6
<input type="checkbox"/> Ice cube tray	1	<input type="checkbox"/> Paper plates, 10"	31
<input type="checkbox"/> Markers, wet erase, black	6 ☺		
<input type="checkbox"/> Modeling dough	9 lb ☺		

<input type="checkbox"/> <i>PhD Science</i> -exclusive Biomes items <ul style="list-style-type: none"> ○ Animal and plant stickers 3 sheet ☺ ○ Earth’s Environments overlay maps (8) and bottom map (1) 6 sets ○ World map (1) and postcards (15) 1 set <input type="checkbox"/> Rocks <ul style="list-style-type: none"> ○ Limestone 6 ○ Marble 6 ○ Schist 6 <input type="checkbox"/> Whiteboards, 11" × 17" 6	<input type="checkbox"/> Paper towels 1 roll
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Pencils 24
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Pencils, 4 colors 24 sets
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Plastic wrap, 10" × 10" 1 piece
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Pocket chart 1
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Rulers 6
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Scissors (for teacher) 1
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Scissors, blunt tip 6
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Spoons 2
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Stickers, green, orange, red 4 of each color
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Sticky notes 2 pads
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Table salt 1 cup
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Tape
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Clear 1 roll
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Clear, 2" wide Partial roll
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Trays, plastic 2
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Water Access
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Whiteboards, personal (optional)
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Personal 6
<input type="checkbox"/> Yarn, red 1 skein ☺	<input type="checkbox"/> Teacher’s 1
Items Required from Other Level 2 Kits	
Matter	
<input type="checkbox"/> Bin, clear plastic, 6 qt 1	
<input type="checkbox"/> Containers, round, clear plastic, 8 oz 4	
<input type="checkbox"/> Jars with lids, clear plastic, 4 oz 8	
<input type="checkbox"/> Magnifiers, handheld, plastic 24	
<input type="checkbox"/> Measuring cup, 1 L 1	
<input type="checkbox"/> Scales, plastic 2	
<input type="checkbox"/> Sentence strips 17	
<input type="checkbox"/> Thermometer, indoor-outdoor 1	
Safety	
<input type="checkbox"/> Safety goggles 24	

Spotlight Lessons on Weather

Kit Items		School Supplied Items	
<input type="checkbox"/> Clipboards	12	<input type="checkbox"/> Chart paper	7 sheets
<input type="checkbox"/> Clothespins, wooden, 3"	12	<input type="checkbox"/> Flagging tape, 1" wide	9 ft
<input type="checkbox"/> Thermometers, Fahrenheit, plastic back	12	<input type="checkbox"/> Rulers	24
Items Required from Other Level 2 Kits		<input type="checkbox"/> Scissors	1
Safety		<input type="checkbox"/> Stapler	1
<input type="checkbox"/> Safety goggles	24	<input type="checkbox"/> Tape, clear, 2" wide	Partial roll
		<input type="checkbox"/> Whiteboard, teacher's (optional)	1