

# Animal and Plant Defenses



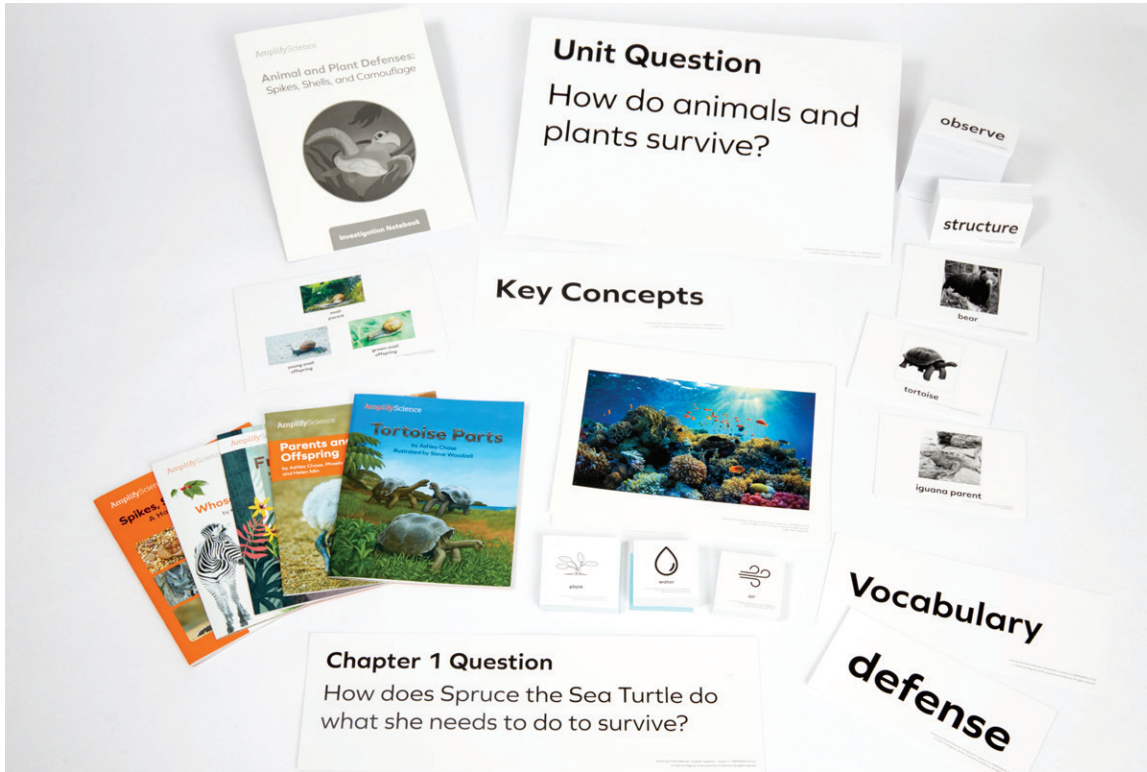
Materials in this unit are packaged in **1** box.

### Hands-on materials

Quantity	Description
72	game tokens, plastic, 1¼" diameter disc
40	tissue paper, sheets, various colors
37	cups, plastic, 16 oz
36	rings, binder, metal
150	cups, plastic, 2 oz
19	hair combs, plastic
73	cups, paper, 7 oz.
800	toothpicks, wooden
144	pencil-top erasers
2	clay, 16 oz

### Classroom materials

Quantity	Description
1	<i>Spikes, Spines, and Shells: A Handbook of Defenses</i> , Big Book (52 pages/book)
1	<i>Parents and Offspring</i> , Big Book (28 pages/book)
1	<i>Whose Lunch Is This?</i> , Big Book (24 pages/book)
1	<i>Tortoise Parts</i> , Big Book (24 pages/book)
1	<i>Frog Models</i> , Big Book (24 pages/book)
1 set	Structure-Function Language Frames cards: set 1 (11 cards/set)
1 set	Structure-Function Language Frames cards: set 2 (6 cards/set)
1 set	Explanation Language Frames cards (4 cards/set)
18 sets	Parent and Offspring card set (5 cards/set)



9 set	Survival Game Need cards (12 cards/set)
9 set	Survival Game Role cards (4 cards/set)
1 set	Background Scene cards (9 cards/set)
36 sets	Word Ring cards (9 cards/set)
1 set	section headers: Key Concepts, Vocabulary (2 cards/set)
1 set	Chapter Questions (4 cards/set)
1 set	Vocabulary cards
1 set	Unit Question

**Student materials**

Quantity	Description
1	<i>Animal and Plant Defenses: Spikes, Shells, and Camouflage Investigation Notebook</i> (24 pages/book)
18	<i>Spikes, Spines, and Shells: A Handbook of Defenses</i> (52 pages/book)
18	<i>Parents and Offspring</i> (28 pages/book)
18	<i>Whose Lunch Is This?</i> (24 pages/book)
18	<i>Tortoise Parts</i> (24 pages/book)
18	<i>Frog Models</i> (24 pages/book)

# Light and Sound

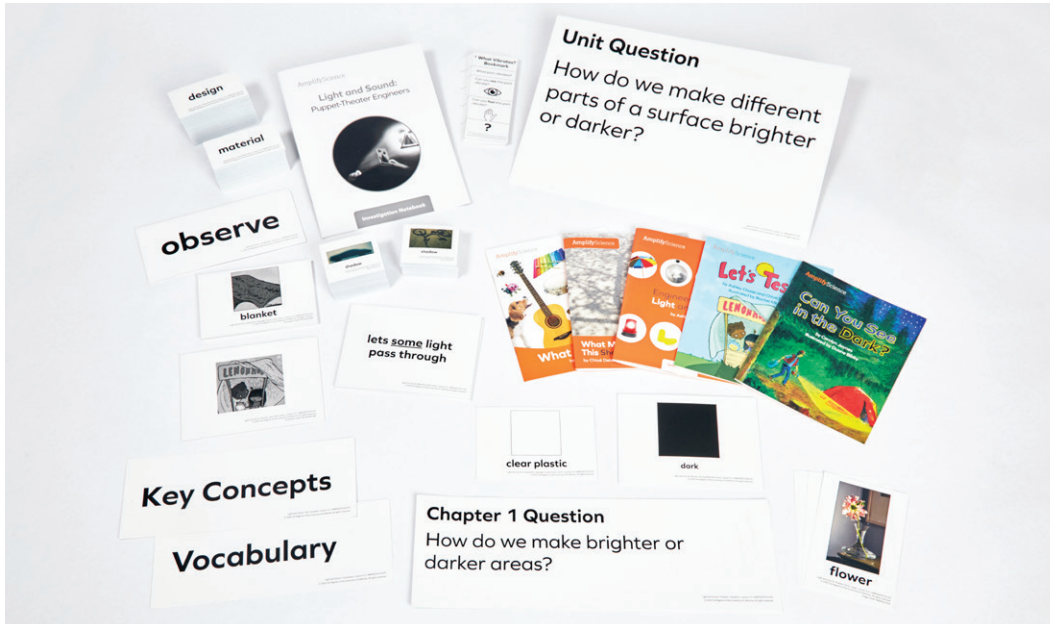


Materials in this unit are packaged in 2 boxes.

### Hands-on materials

Quantity	Description
4	lighting filters, sheets (representing tinted plastic)
22	cardstocks, blue, sheets (representing cardboard)
5	sticks, wooden (tongue depressors)
19	cardstocks, white, sheets
1	rubber bands, super size
72	envelopes, large manila
37	clips, binder, medium
19	clips, binder, large
36	rings, binder, metal
20	rubber bands, medium
19	cups, plastic, 9 oz
5	containers, plastic
8	cups, plastic, 2 oz

19	flashlights, small
2	flashlight, large
147	envelopes, small
50	acetate, sheets
73	crayons, silver
1	wax paper, roll
73	crayons, black
24	batteries, AA
73	crayons, gray
22	foam, sheets
1	foil, roll
1	string, 9 feet



**Classroom materials**

Quantity	Description
1	Engineering with Light and Sound, Big Book (44 pages/book)
1	Can You See in the Dark?, Big Book (28 pages/book)
1	What Made This Shadow?, Big Book (28 pages/book)
1	What Vibrates?, Big Book (28 pages/book)
1	Let's Test!, Big Book (20 pages/book)
1	Explanation Language Frames cards: set 1 (7 cards/set)
1	Explanation Language Frames cards: set 2 (3 cards/set)
1	Explanation Language Frames cards: set 3 (3 cards/set)
1	Explanation Language Frames cards: set 4 (4 cards/set)
1	Explanation Language Frames cards: set 5 (3 cards/set)
1 set	Results: Testing materials cards (8 cards/set)
1 set	Results: Let's Test! cards (6 cards/set)
1 set	Materials chart cards (15 cards/set)
18 sets	What Vibrates? bookmark (1 card/set)
18 sets	Shadow cards: small (12 cards/set)

1 set	Shadow cards: large (3 cards/set)
18 sets	Let's Test! Bookmark (1 card/set)
36 sets	Word Ring cards (8 cards/set)
1 set	section headers: Key Concepts, Vocabulary (2 cards/set)
1 set	Chapter Questions (4 cards/set)
1 set	Vocabulary cards (8 cards/set)
1 set	Unit Question (1 card/set)

**Student materials**

Quantity	Description
1	Light and Sound: Puppet-Theater Engineers Investigation Notebook (36 pages/book)
18	Engineering with Light and Sound (44 pages/book)
18	Can You See in the Dark? (28 pages/book)
18	What Made This Shadow? (28 pages/book)
18	What Vibrates? (28 pages/book)
18	Let's Test! (20 pages/book)

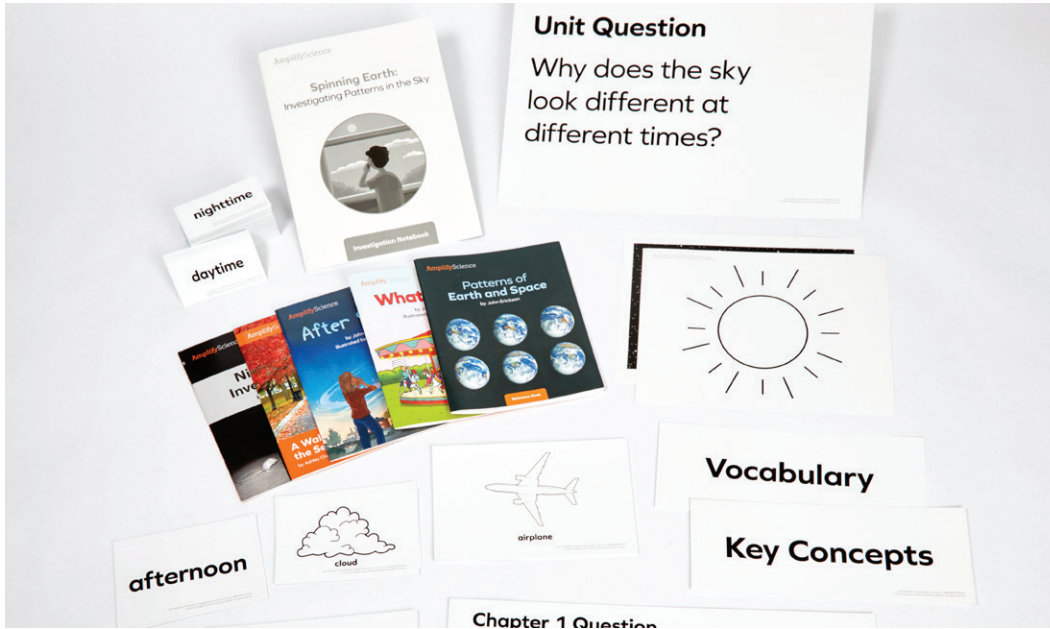
# Spinning Earth



Materials in this unit are packaged in 2 boxes.

### Hands-on materials

Quantity	Description
50	stickers, round, removable, yellow, 3/4 inch
50	stickers, round, removable, purple, 3/4 inch
50	stickers, round, removable, orange, 3/4 inch
50	stickers, round, removable, green, 3/4 inch
50	stickers, round, removable, pink, 3/4 inch
50	stickers, round, removable, red, 3/4 inch
280	stickers, round, light blue, 1/2 inch
2	paper, light blue, sheet (36" x 60")
75	stickers, round, yellow, 1/2 inch
280	stickers, round, black, 1/2 inch
2	paper, black, sheet (36" x 24")
12	baking cup, paper, white
36	rings, binder, metal
19	globes, inflatable
1	stress ball, globe
2	magnets, ring
1	pump, hand



**Classroom materials**

Quantity	Description
1	<i>Patterns of Earth and Space</i> (40 pages/book)
1	<i>A Walk Through the Seasons</i> (28 pages/book)
1	<i>Nighttime Investigation</i> (24 pages/book)
1	<i>After Sunset</i> (24 pages/book)
1	<i>What Spins?</i> (28 pages/book)
1 set	Interpretation Language Frame cards: Lesson 1.4 (8 cards/set)
1 set	Explanation Language Frame cards: Lesson 4.3 (6 cards/set)
1 set	Sky Observation cards (large) (10 cards/set)
1 set	Sun and Stars cards (2 cards/set)
36 sets	Word Ring cards (10 cards/set)
1 set	section headers: Key Concepts, Vocabulary (2 cards/set)
1 set	Chapter Questions (5 cards/set)
1 set	Vocabulary cards (10 cards/set)
1	Unit Question card

**Student materials**

Quantity	Description
1	<i>Spinning Earth: Investigating Patterns in the Sky Investigation Notebook</i> (32 Pages / Book)
18	<i>Patterns of Earth and Space</i> (40 pages/book)
18	<i>A Walk Through the Seasons</i> (28 pages/book)
18	<i>Nighttime Investigation</i> (24 pages/book)
18	<i>After Sunset</i> (24 pages/book)
18	<i>What Spins?</i> (28 pages/book)