

DOMAIN COURSE MODEL

Materials kit list for Idaho

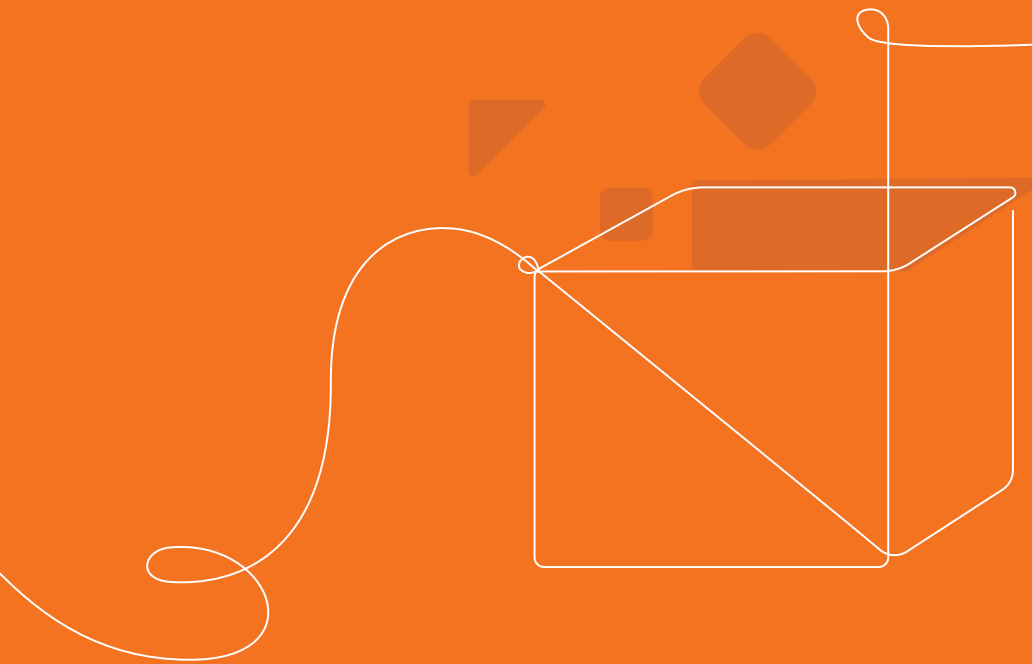


Storing your hands-on kits

Hands-on learning is at the heart of Amplify Science, and is integrated into every unit.

For each hands-on activity, clear instructions are provided for the teacher, and materials are included in unit-specific kits that are packaged in tubs.

Please note that the number of tubs per domain varies and ranges from 9–11 total tubs.





Domain	Number of units	Total number of tubs	Number of units requiring refills
Earth Science	9	11	2
Life Science	9	9	2
Physical Science	9	10	3

This image is a representative sample and does not reflect the exact dimensions of the tubs included with each domain.

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Starter Kit



Hands-on materials

Quantity	Description
12	sticky notes, 3" x 3", pad
24	hand lenses, plastic
10	masking tape, rolls
40	goggles, safety
20	trays, plastic
2	dish tubs

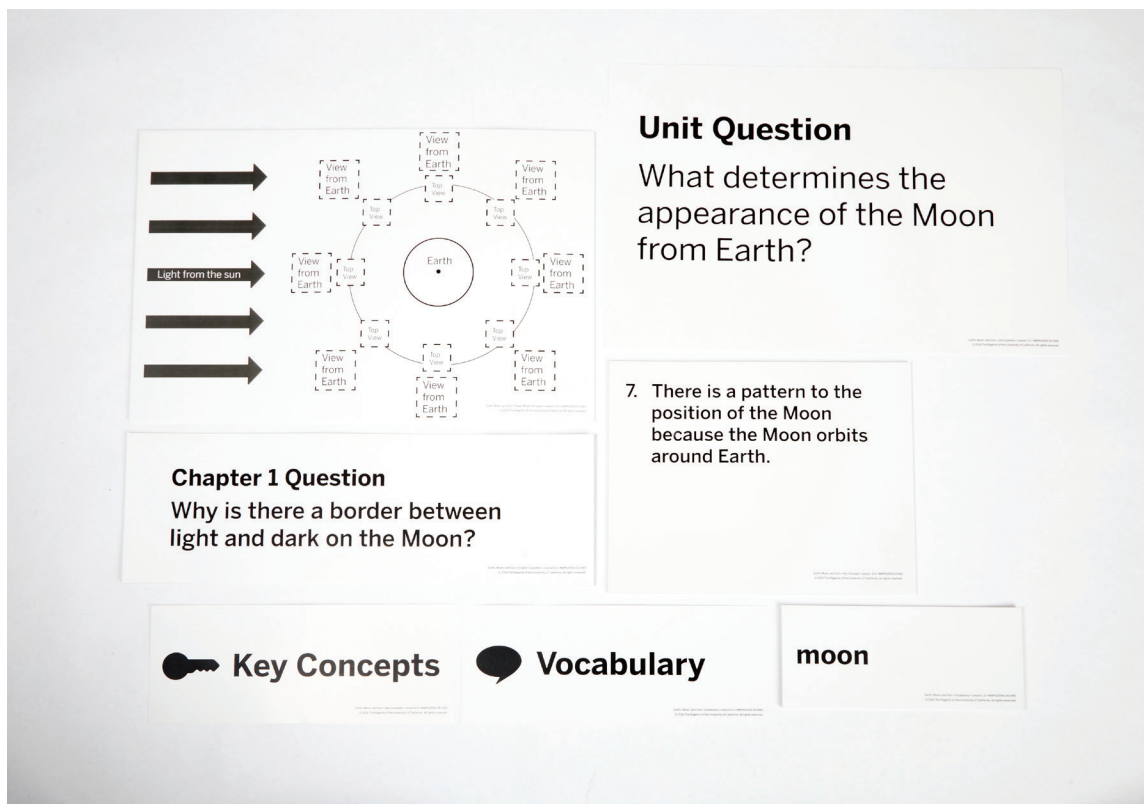
Earth, Moon, and Sun | Earth Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
40	isosceles triangles cut from transparency
1	light bulb, 60 watt
41	spheres, foam
41	chopsticks
1	clamp lamp



Classroom materials

Quantity	Description
10	Moon phases model template
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
12	Key Concepts cards
1	Unit Question card
9	Vocabulary cards

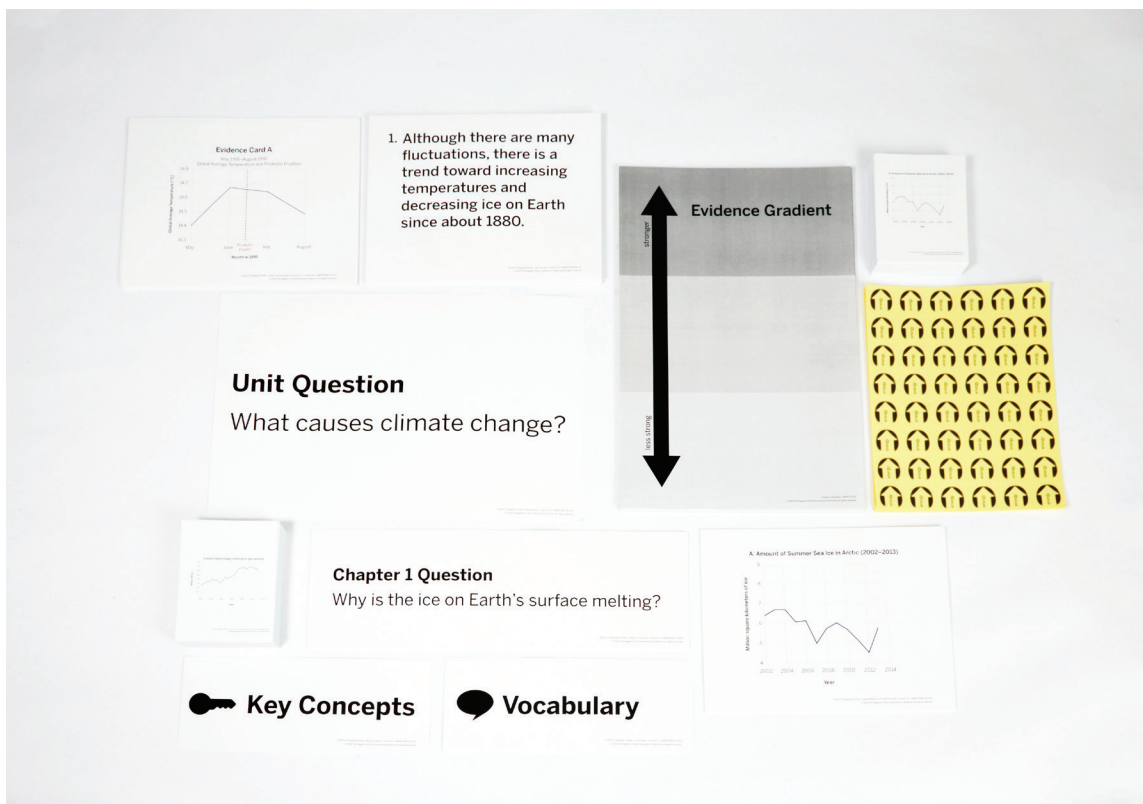
Earth's Changing Climate | Earth Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
21	baggies, plastic with zip
420	energy token cards
640	paper clips



Classroom materials

Quantity	Description
20 sets	Human Activities Evidence Cards (4 cards/set)
20 sets	Melting Ice Evidence Cards (3 cards/set)
3	Large Melting Ice Evidence Cards
10	Large Volcano Evidence Cards
20	Evidence Gradient cards
2	Key Concepts and Vocabulary card headers
1	Evidence Criterion card
4	Chapter Questions cards
1	Unit Question card
16	Key Concepts cards
16	Vocabulary cards



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
10	felt, black, 12"x 20" pieces
2	cables with alligator clips
10	protectors, page, glossy
1	light bulb, 60 watt
1	fan blades, plastic
1	electric motor
5	light meters
1	solar panel
1	clamp lamp

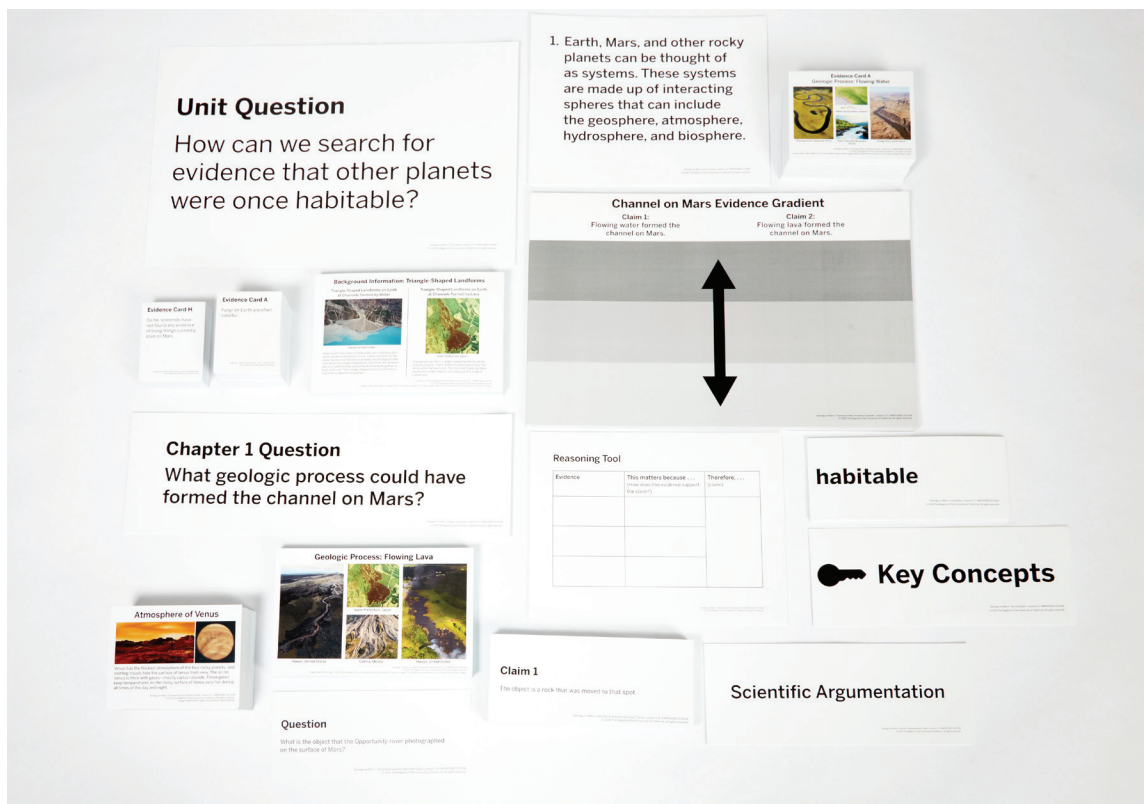
Geology on Mars | Earth Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
1	clay, non-drying, 16 oz
20	rock samples, basalt
2	trays, stream table
20	conglomerate rocks
4	sand, 2.5 kg bags
1	stream table kit
20	lenses, hand
2	clamp lamps
2	tubing, 4 ft
4	buckets



Classroom materials

Quantity	Description		
2	Scientific Argumentation label and Scientific Argumentation Purpose cards	20 sets	Jelly Donut Evidence cards: Set 2 (4 cards/set)
3	Evaluating Evidence label and Evaluating Evidence Criterion cards	10 sets	Comparing Rocky Planets cards (16 cards/set)
1	Components of a Written Scientific Argument card	21 sets	Channel on Mars Evidence cards (6 cards/set)
3	Argumentation Sentence Starter cards	21 sets	Background Information cards (2 cards/set)
1	Scientific Argument diagram	20 sets	Geologic Processes cards (2 cards/set)
1	Evidence Gradient	2	Key Concepts and Vocabulary cards headers
1	Reasoning Tool	3	Chapter Questions cards
20 sets	Jelly Donut Question and Claim cards (3 cards/set)	1	Unit Question cards
21	Channel on Mars Evidence Gradient student sheets	5	Key Concepts cards
20 sets	Jelly Donut Evidence Cards: set 1 (7 cards/set)	10	Vocabulary cards

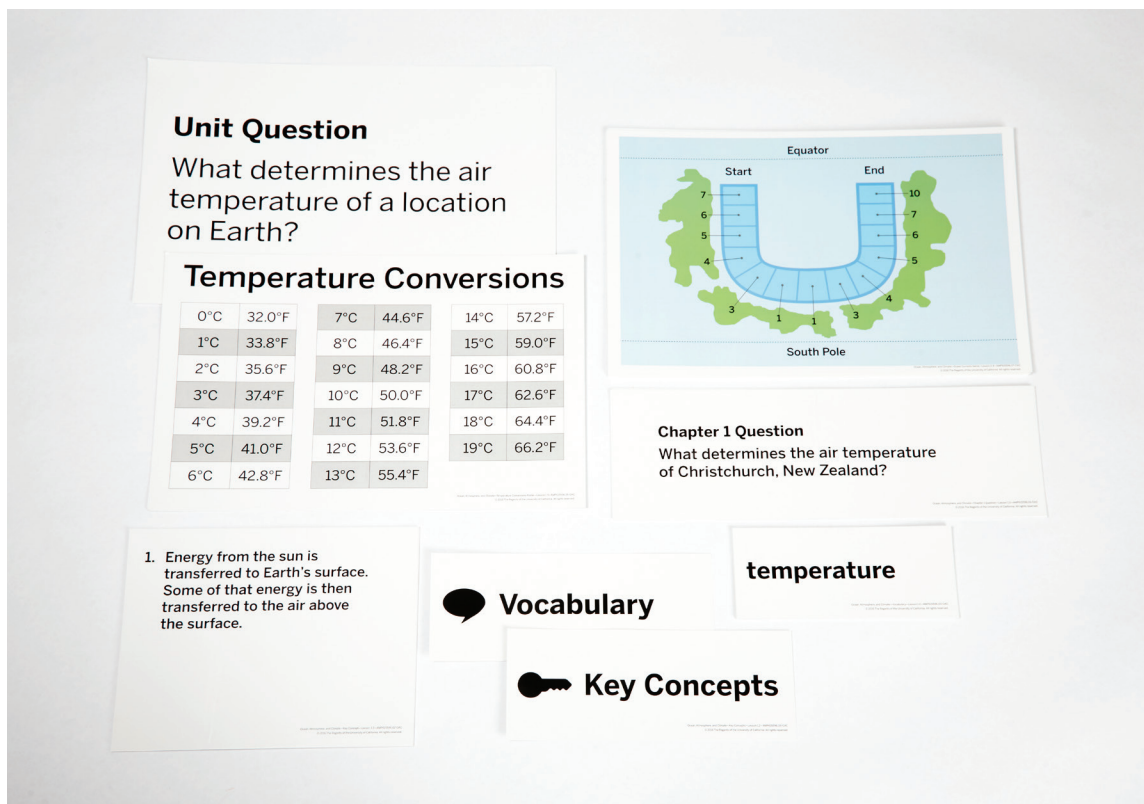
Ocean, Atmosphere, and Climate | Earth Science



Materials in this unit are packaged in 2 boxes.

Hands-on materials

Quantity	Description
1	light bulb, incandescent, 150 watt
70	stickers, small, white, circular
14	baggies, plastic with zip
201	straws, flexible, wrapped
20	plastic lids, for 9 oz cup
1500	tokens, yellow, stacking
2	cups, plastic, 9 oz
20	cups, foam, 8 oz
18	probability dice
1	pepper, shaker
11	tanks, plastic
6	rocks, black
20	thermometers
1	ring stand
1	clamp lamp



Classroom materials

Quantity	Description
1	Temperature Conversion poster
14	Ocean Currents game boards
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
8	Key Concepts cards
1	Unit Question card
9	Vocabulary cards

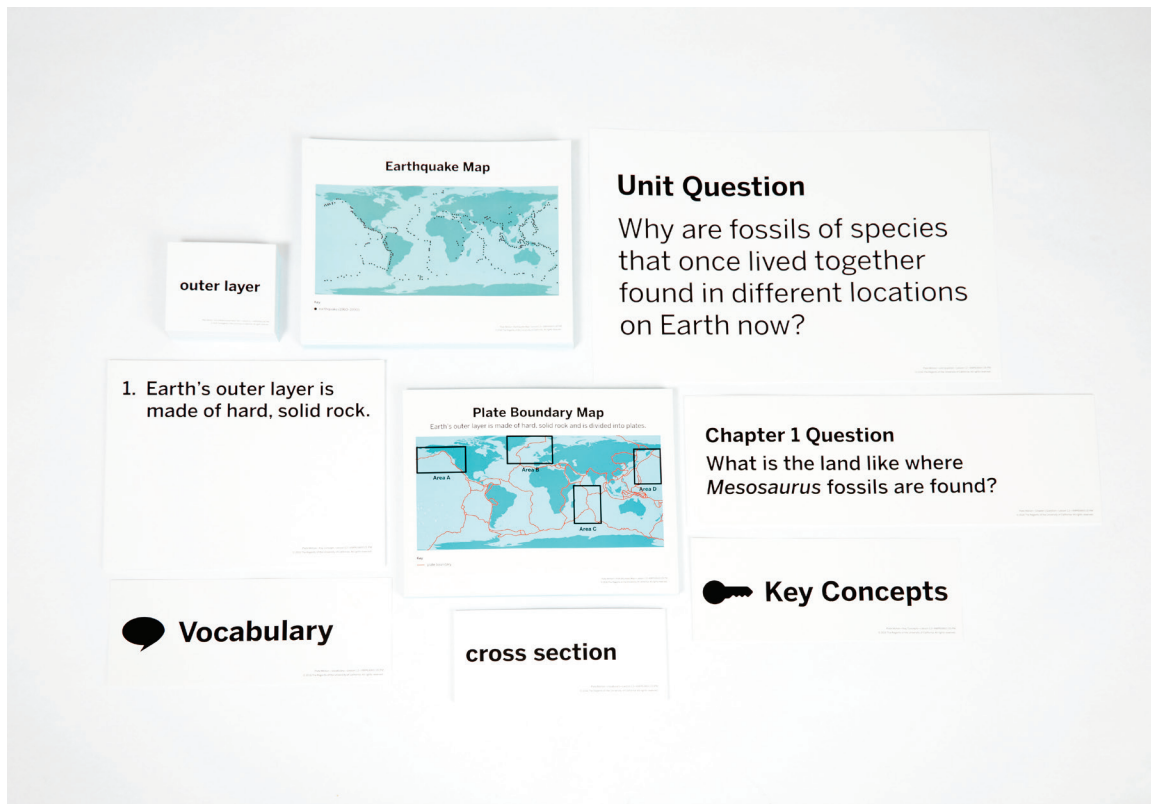
Plate Motion | Earth Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
40	transparencies, blank, 8.5" x 11", sheets
40	wet-erase markers, black
20	Silly Putty, containers
40	wet-erase markers, red
20	cubes, 1", plastic
20	towels



Classroom materials

Quantity	Description
10 sets	Word Relationship cards: set 1 (4 cards/set)
10 sets	Word Relationship cards: set 2 (2 cards/set)
20	Plate Boundary map cards
20	Earthquake map cards
2	Key Concepts and Vocabulary Cards headers
4	Chapter Questions cards
9	Key Concepts cards
1	Unit Question card
14	Vocabulary cards

Plate Motion: Engineering Internship | Earth Science



Materials in this unit are packaged in 1 box.

Hands-on materials

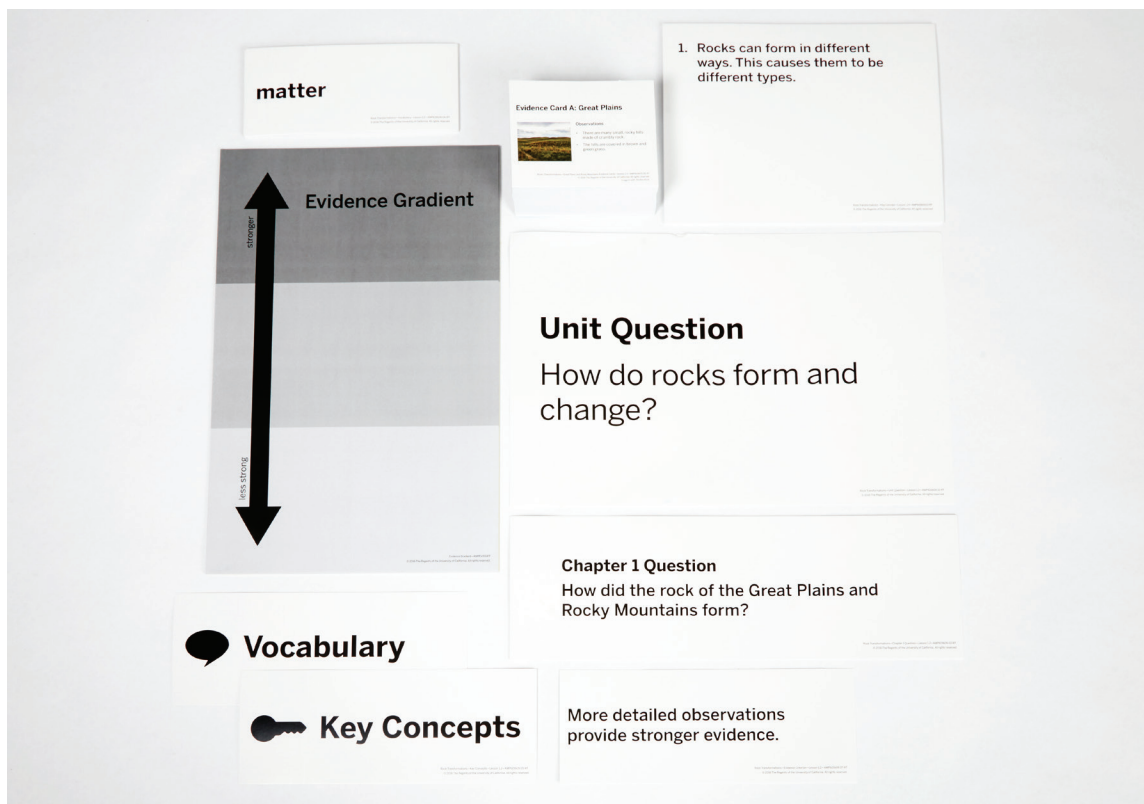
Quantity	Description
8	transparencies, blank, 8.5" x 11", sheets
64	plastic buildings, miniature
2	tape, packing, clear, rolls
200	straws, flexible, wrapped
8	paint trays

Rock Transformations | Earth Science



Materials in this unit are packaged in 1 box.

Hands-on materials	
Quantity	Description
10	rock sets: granite, bassalt, sandstone, conglomerate
3	baggies, plastic with zip, gallon
20	lids, for plastic containers
20	containers, plastic, clear
200	cups, plastic, 3 oz
10	conglomerate rocks
300	hard candies
10 sets	sandstone
10 sets	granite
10 sets	basalt
40	dice



Classroom materials

Quantity	Description
20 sets	Great Plains and Rocky Mountains Evidence Cards (8 cards/set)
20	Evidence Gradient cards
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Evidence Criterion card
1	Unit Question card
11	Key Concepts cards
15	Vocabulary cards

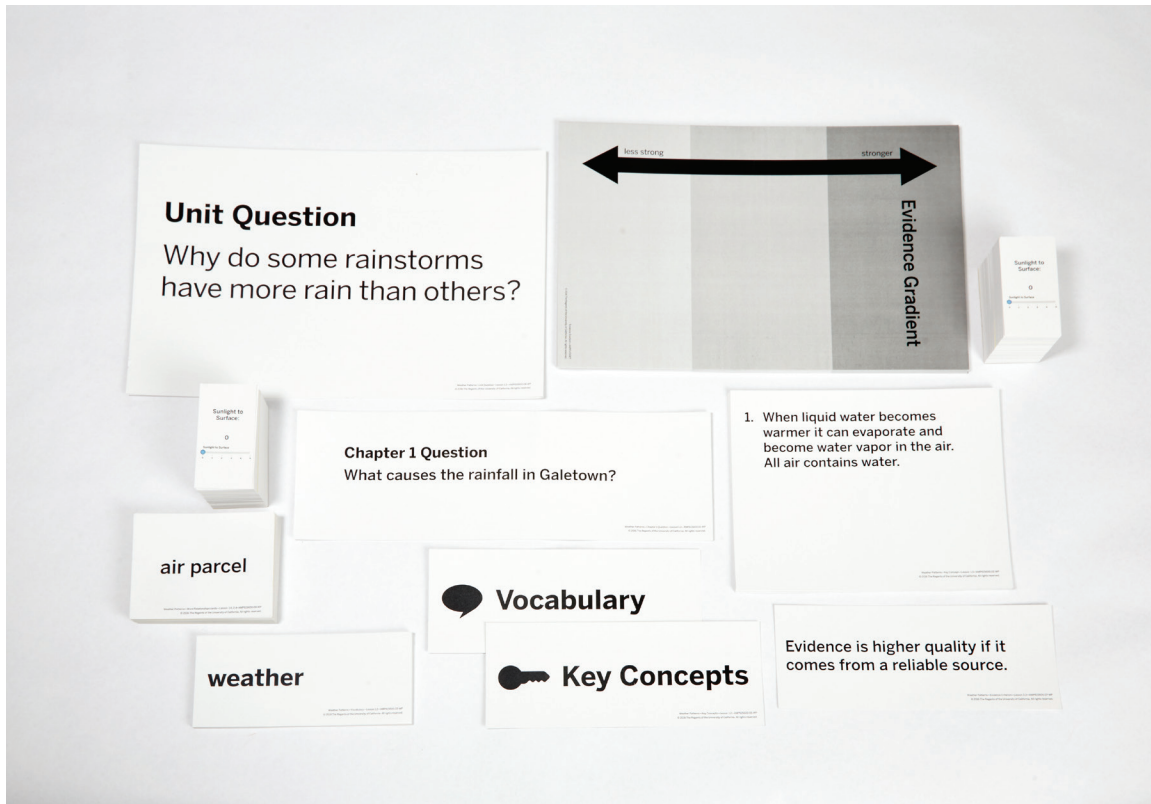
Weather Patterns | Earth Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
20	straws, plastic, unwrapped
100	baggies, plastic with zip
5	plastic dry cleaner bags
30	dropper tips
20	syringes



Classroom materials

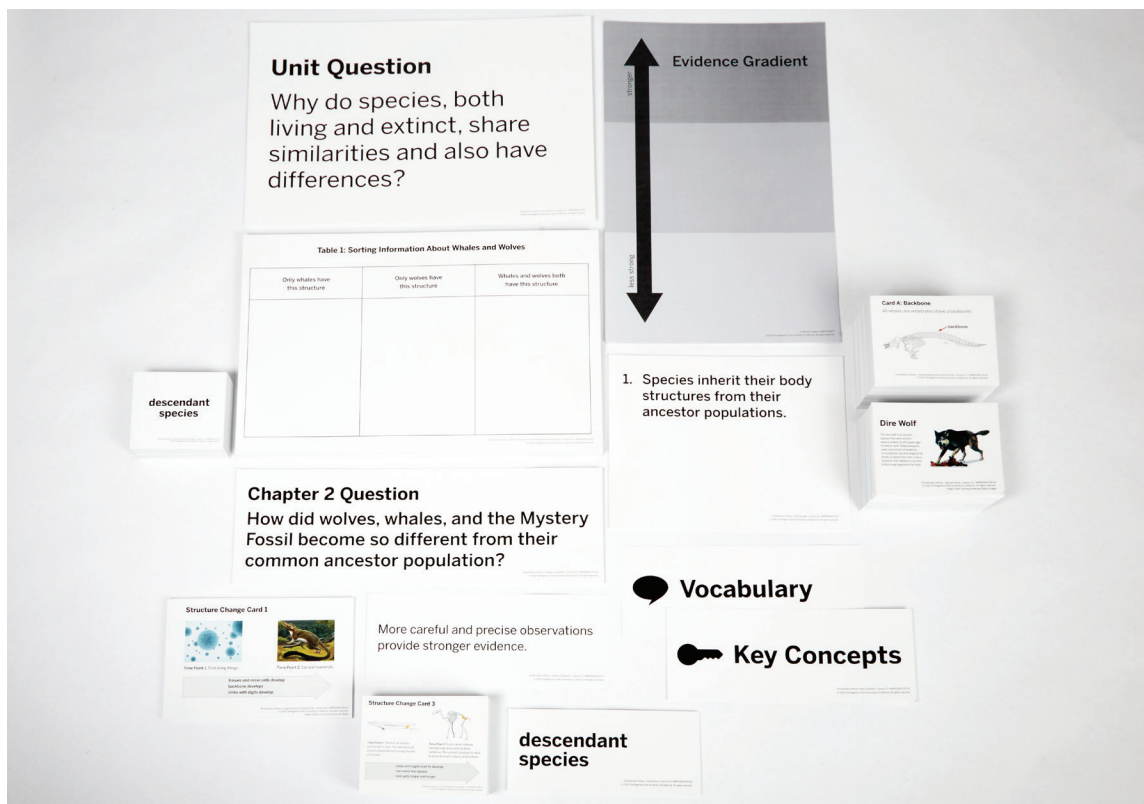
Quantity	Description
15 sets	Making It Rain with Jet Streams cards (60 cards/set)
15 sets	Reaching the Target cards (36 cards/set)
10 sets	Word Relationships cards (6 cards/set)
15 sets	Making it Rain cards (54 cards/set)
1	Temperature Conversion chart
40	Evidence Gradient cards
2	Key Concepts and Vocabulary cards
4	Chapter Questions cards
1	Evidence Criterion card
11	Key Concepts cards
1	Unit Question card
15	Vocabulary cards



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
1	K'Nex Intermediate Math and Geometry Kit
20	baggies, plastic with zip



Classroom materials

Quantity	Description
10 sets	Word Relationships cards: set 1 (5 cards/set)
10 sets	Word Relationships cards: set 2 (6 cards/set)
20 sets	Comparing Body Structure cards (10 cards/set)
20 sets	Structure Change cards (6 cards/set)
20	Comparing Evidence tables (Table 1)
20	Comparing Evidence tables (Table 2)
6	Large Structure Change cards
20 sets	Species cards (9 cards/set)
20	Evidence Gradient cards
9	Large Species cards
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Evidence Criterion card
1	Unit Question card
7	Key Concepts cards
11	Vocabulary cards

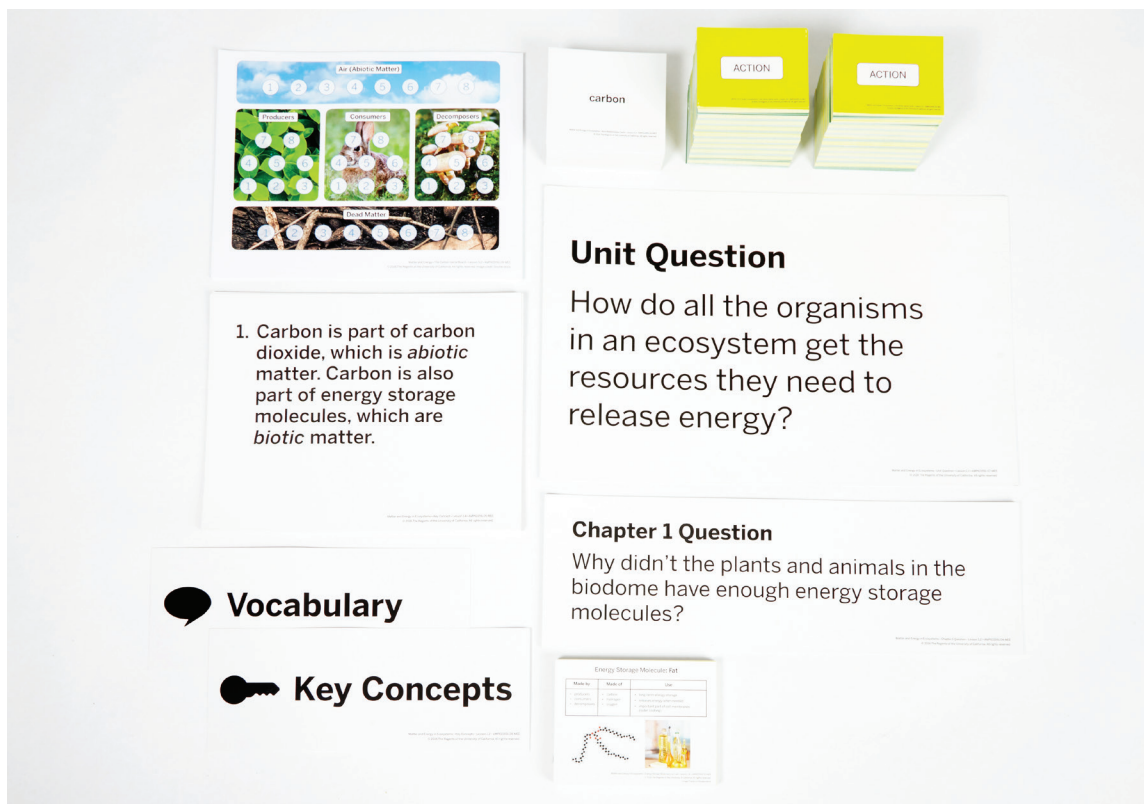
Matter and Energy in Ecosystems | Life Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
600	carbon tokens
470	paper clips



Classroom materials

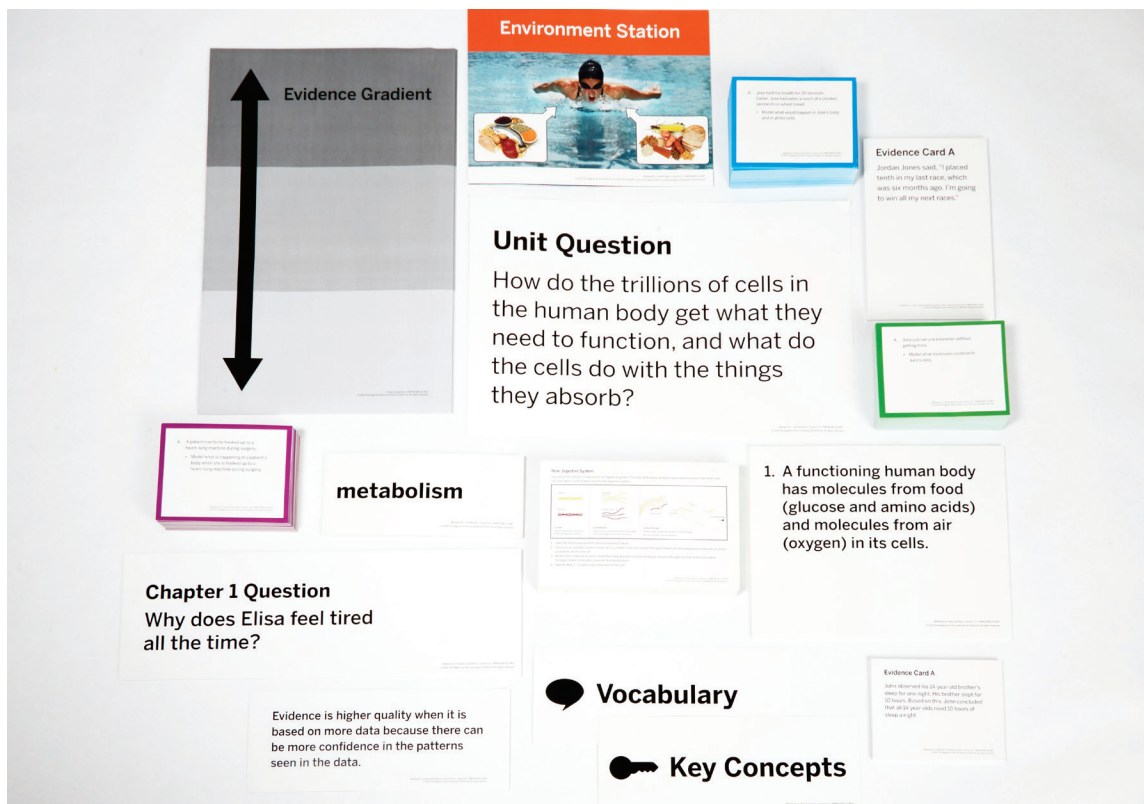
Quantity	Description
10 sets	Energy Storage Molecules cards (4 cards/set)
10 sets	Word Relationships card set (12 cards/set)
20 sets	Carbon Game cards (27 cards/set)
20	Carbon Game boards
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Unit Question card
13	Vocabulary cards
10	Key Concepts



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
10	bottles, 60 mL, filled with phenol red
1	calcium chloride, container
10	cylinders, graduated, 25 mL
50	baggies, plastic with zip
1	baking soda, container
150	pipe cleaners, purple
75	pipe cleaners, yellow
200	pipe cleaners, green
1	measuring spoon
1	stopwatch



Classroom materials

Quantity	Description	Quantity	Description
15	Science Seminar Evidence cards, large	20	Blue Group Key cards
20 sets	Purple Group cards (4 cards/set)	6	Heart Failure cards
20 sets	Green Group cards (4 cards/set)	6	station signs
20 sets	Blue Group cards (4 cards/set)	2	Key Concepts and Vocabulary headers
2	Evidence Comparison cards	4	Chapter Questions cards
10 sets	Role cards (6 cards/set)	1	Evidence Criterion card
20	Evidence Gradients Cards	1	Unit Question card
5	Elisa's Evidence Cards	11	Key Concepts cards
20	Purple Group Key	11	Vocabulary cards
20	Green Group Key		



Materials in this unit are packaged in 1 box.

Classroom materials

Quantity	Description		
1	Components of a Written Scientific Argument card	20 sets	Bacteria Evidence cards (10 cards/set)
3	Argumentation Sentence Starters cards	20 sets	Word Relationships cards (6 cards/set)
2	Evaluating Evidence Criterion cards	20	Antibiotics Evidence Cards (cards G)
1	Scientific Argumentation Purpose	20 sets	Scale cards: set #1 (16 cards/set)
1	Scientific Argumentation label	20 sets	Scale cards: set #2 (3 cards/set)
1	Scientific Argument diagram	2	Bacteria Evidence Cards, large
1	Evaluating Evidence label	20	Evidence Gradient sheets
1	Evidence Gradient cards	19	Scale cards, large
1	Reasoning Tool	2	Key Concepts and Vocabulary headers
20 sets	Antibiotics Claim and Relevant/Irrelevant headers (3 cards/set)	2	Chapter Questions cards
20 sets	Antibiotics Evidence Cards (cards A-F) (10 cards/set)	1	Unit Question card
20 sets	Bacteria Evidence Subclaims cards (2 cards/set)	10	Key Concepts cards
1	Bacteria Evidence Subclaim 2, large card	11	Vocabulary cards

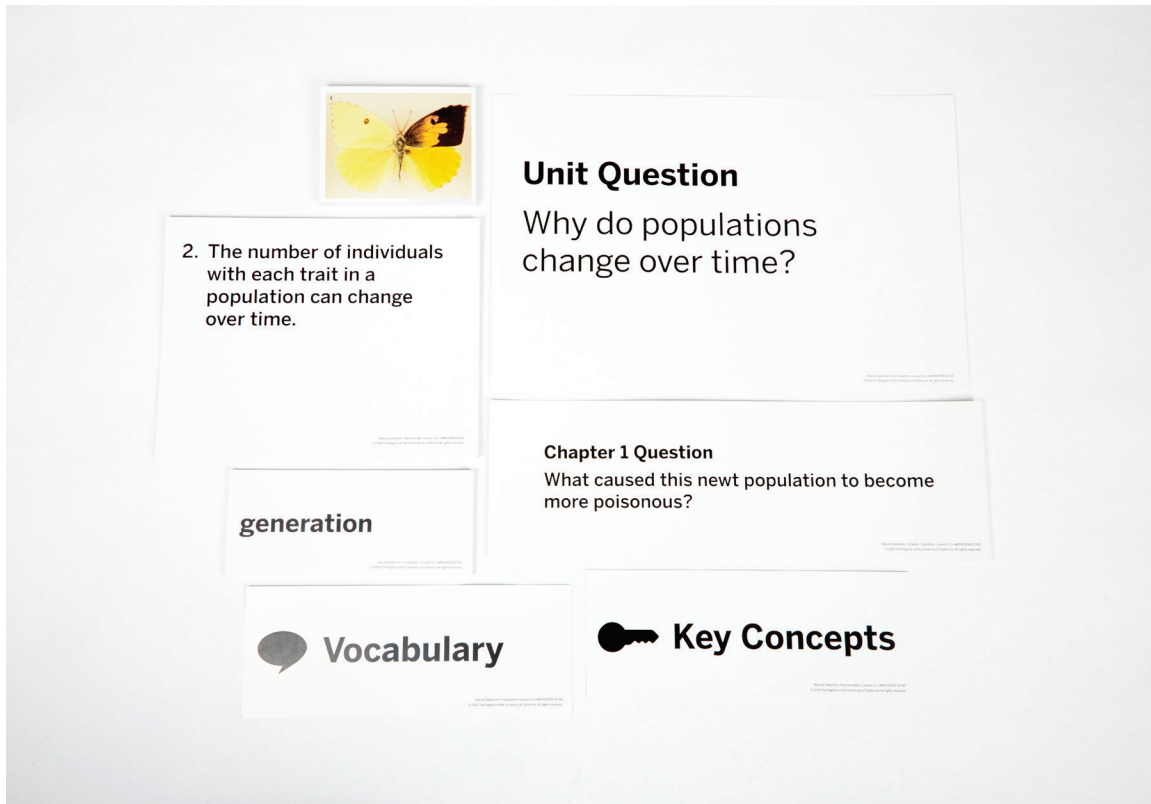
Natural Selection | Life Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
100	bags, plastic with zip, quart-size
20	bags, plastic with zip, large
500	counting cubes, purple
500	counting cubes, green
500	counting cubes, blue



Classroom materials

Quantity	Description
2 sets	Butterfly Population cards (20 cards/set)
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
12	Key Concepts cards
1	Unit Question card
15	Vocabulary cards

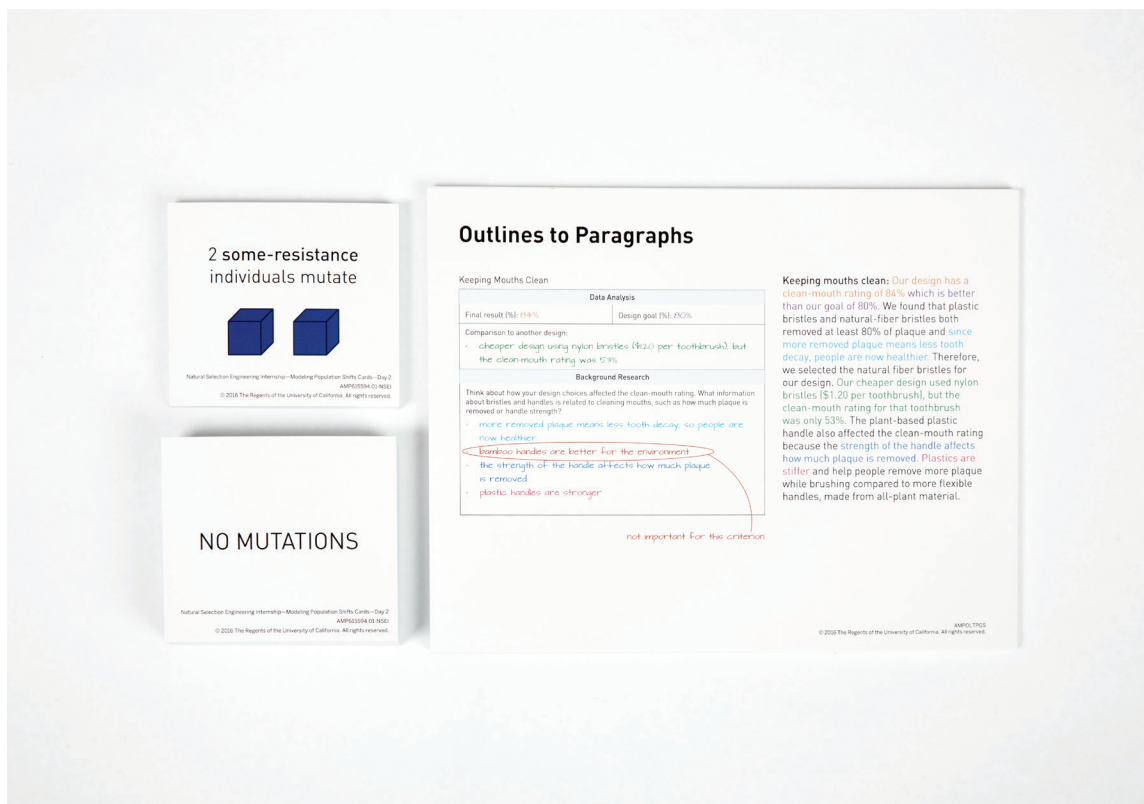
Natural Selection: Engineering Internship | Life Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
20	drawstring bags, non-transparent, small
20	bags, plastic with zip, quart-size
3	bags, plastic with zip, large
500	counting cubes, purple
500	counting cubes, green
500	counting cubes, blue



Classroom materials

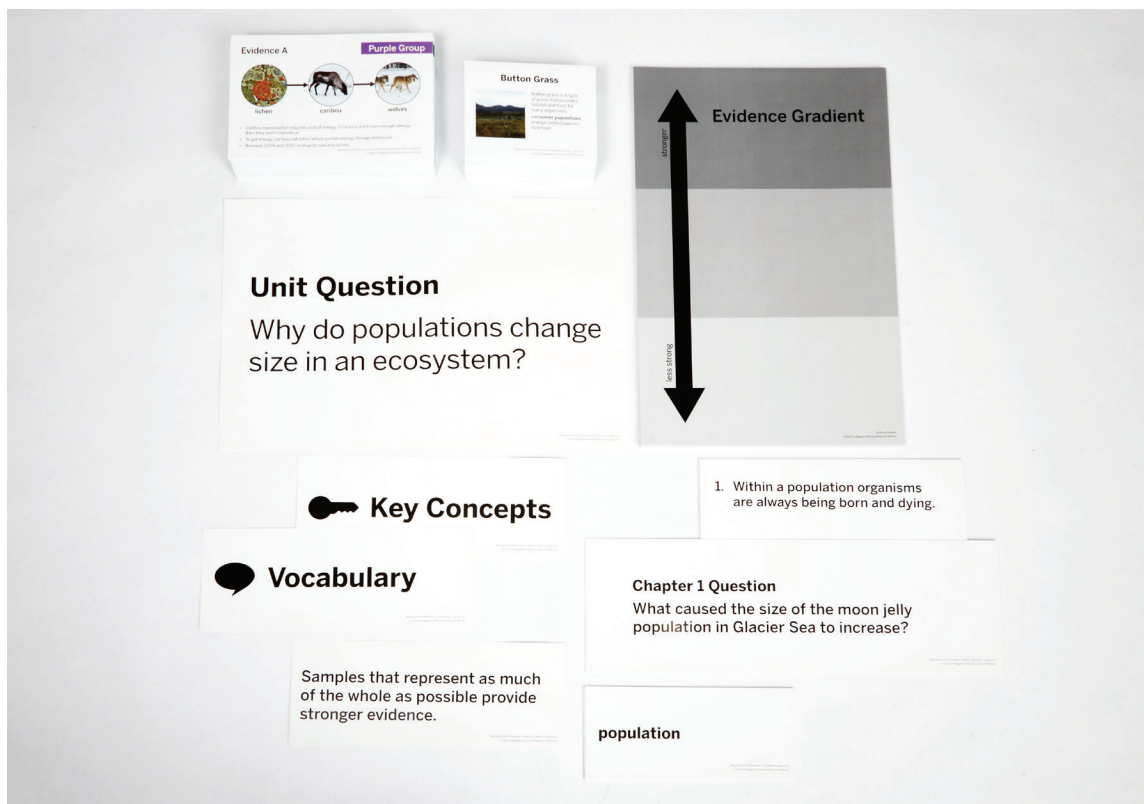
Quantity	Description
20 sets	Modeling Population Shifts cards (6 cards/set)
20	Outlines to Paragraphs sheets



Materials in this unit are packaged in 1 box.

Hands-on materials

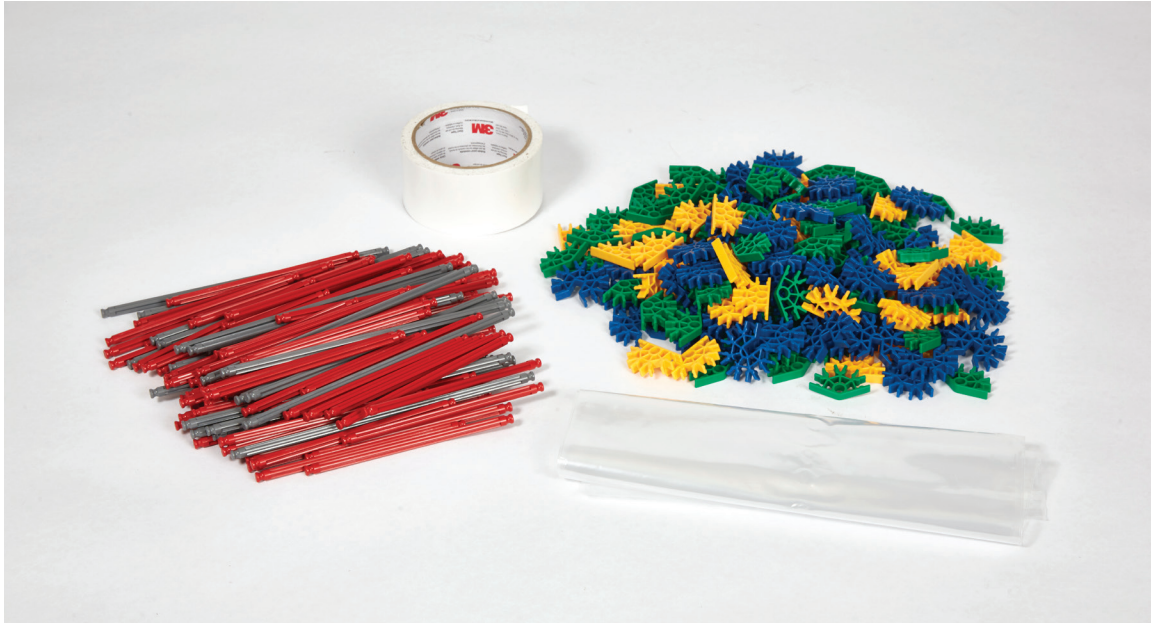
Quantity	Description
20	measuring spoons, 1 tablespoon
10	cylinders, graduated, 50 mL
60	sugar, white, granulated, tsp
250	cups, plastic, 16 oz
150	wooden craft sticks
20	cups, plastic, 9 oz
520	tokens, plastic
200	yeast, baker's, tbsp
1	thermometer



Classroom materials

Quantity	Description
20 sets	Population Puzzles Evidence Cards (6 cards/set)
14 sets	Island Population cards (9 cards/set)
20	Evidence Gradient cards
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Evidence Criterion card
1	Unit Question card
11	Key Concepts cards
11	Vocabulary cards

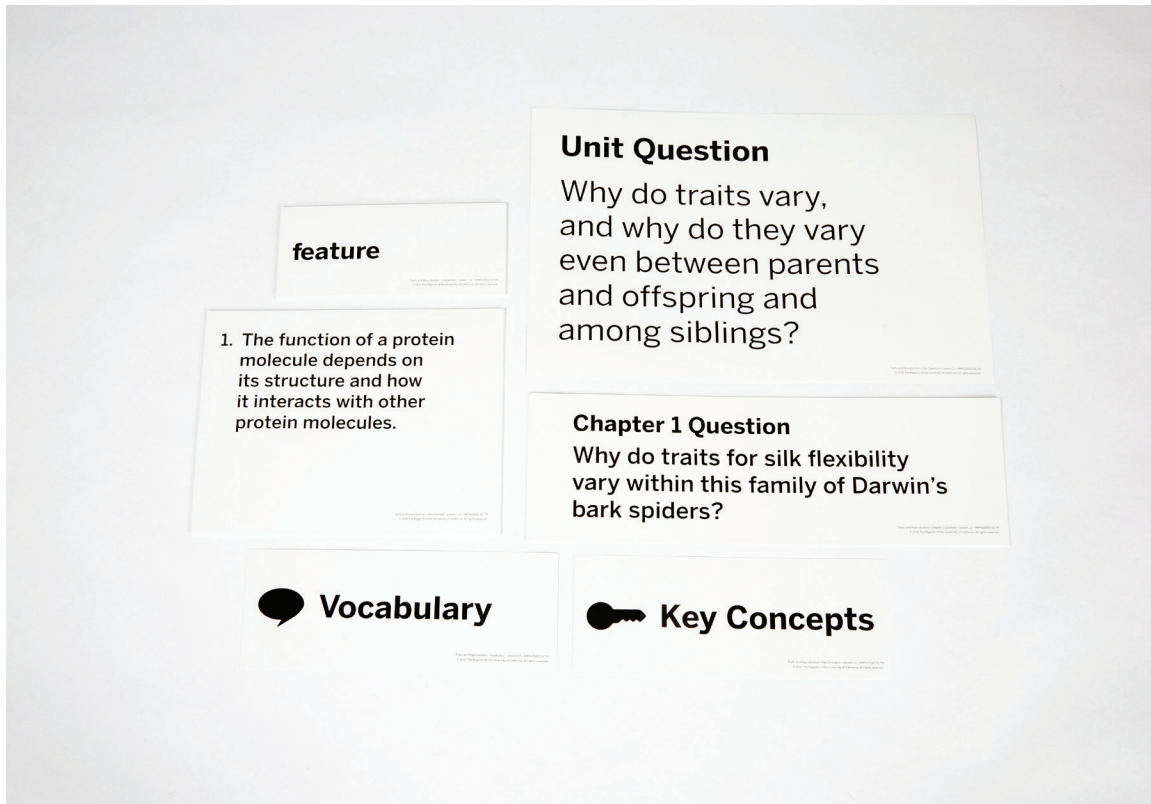
Traits and Reproduction | Life Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
1	K'Nex, Intermediate Math and Geometry Kit
30	baggies, plastic with zip



Classroom materials

Quantity	Description
2	Key Concepts and Vocabulary card headers
4	Chapter Questions cards
12	Key Concepts sheets
1	Unit Question card
13	Vocabulary cards

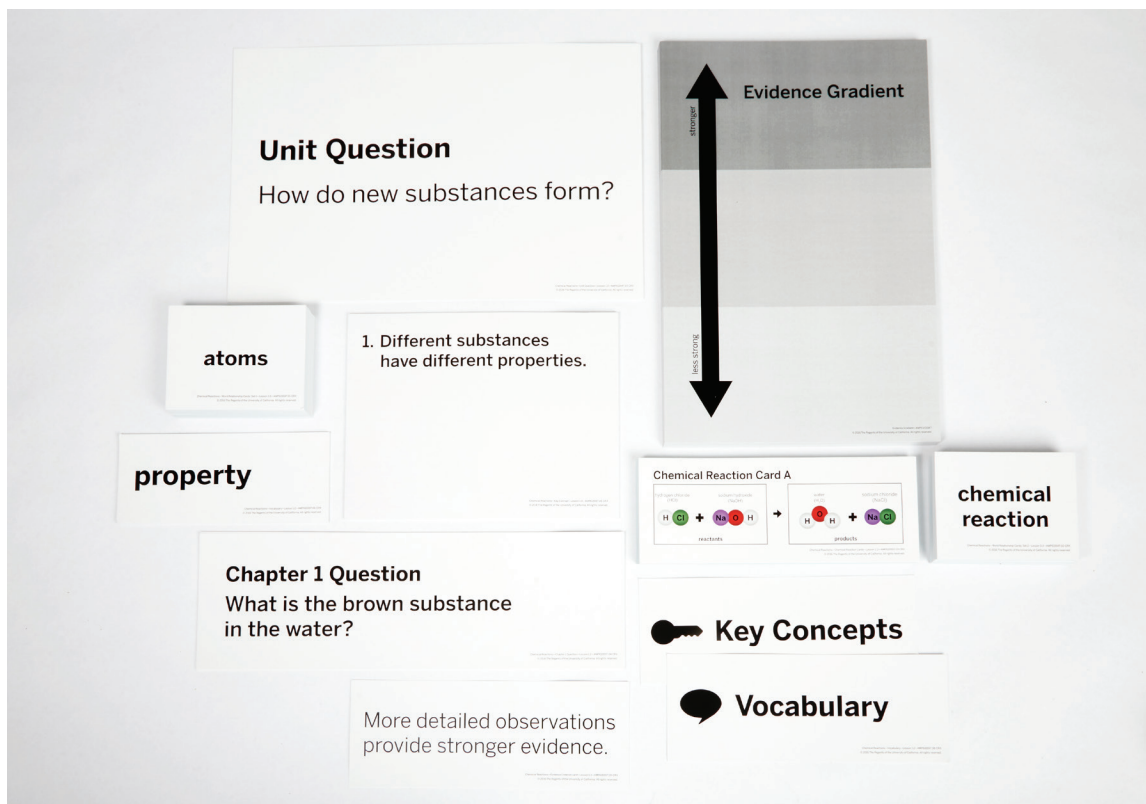
Chemical Reactions | Physical Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description		
184	labels for vials ["pipe substance" (30), "fertilizer" (30), "reddish-brown substance" (10), "sample 1" (10), "sample 2" (10), "sample 3" (10), "sample 4" (10), "well water" (1), "water from pipes" (1), "calcium chloride" (11), "sodium carbonate" (11), "product" (50)]	160	tokens (plastic), green
164	sodium carbonate powder, anhydrous, grams	160	tokens (plastic), white
10	sodium chloride (table salt), tbsp	140	tokens (plastic), blue
1	cylinder, graduated, 25 mL	20	tokens (plastic), gray
10	potassium chloride powder, tbsp	11	sodium nitrate powder, tbsp
72	vials, plastic, with lid	200	tokens (plastic), red
240	tokens (plastic), purple	150	cups, plastic, 9 oz
20	tokens (plastic), yellow	11	Iron oxide granules, tbsp
164	calcium chloride, grams	1	measuring spoon
1	funnel (plastic), small	10	graphite powder, tbsp
120	tokens (plastic), amber	1	measuring cup
		10	Iron filings, tbsp
		10	cornstarch, tbsp



Classroom materials

Quantity	Description
20 sets	Word Relationships cards: set 1 (4 cards/set)
20 sets	Word Relationships cards: set 2 (4 cards/set)
20 sets	Chemical Reaction cards (2 cards/set)
20	Evidence Gradient cards
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Evidence Criterion card
9	Key Concepts cards
1	Unit Question card
9	Vocabulary cards

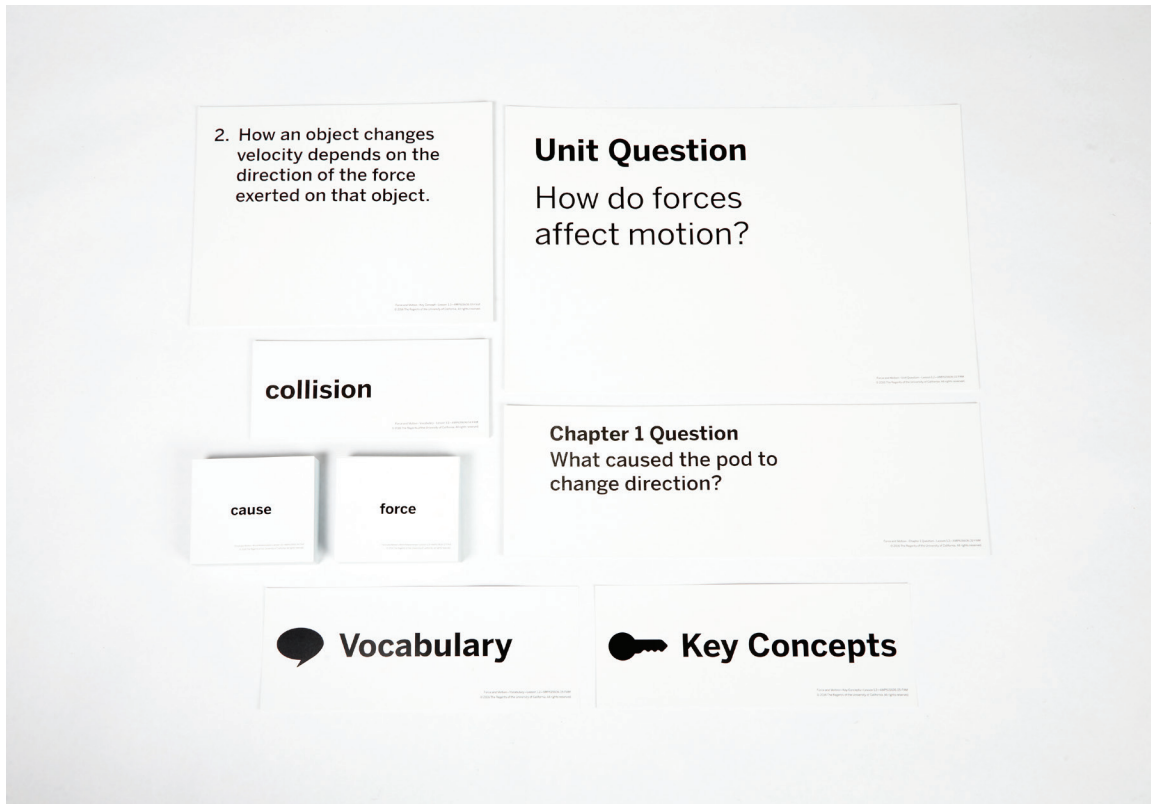
Force and Motion | Physical Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
40	spring-loaded toilet paper roll holder/spring launchers
20	rulers, 12", center groove
20	balls, table tennis
40	balls, rubber
20	stopwatches
20	balls, golf
40	jar lids



Classroom materials

Quantity	Description
20 sets	1.4 Word Relationships cards (4 cards/set)
20 sets	3.3 Word Relationships cards (4 cards/set)
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Unit Question card
7	Key Concepts cards
9	Vocabulary cards

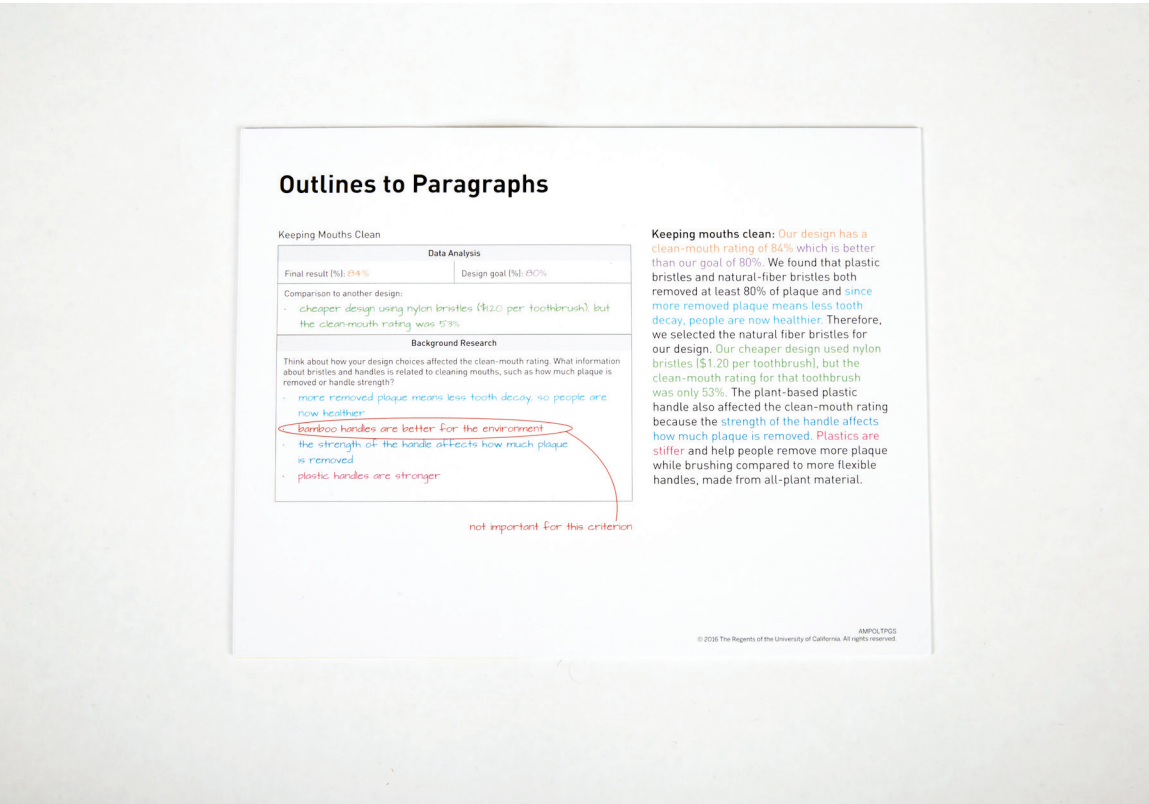
Force and Motion: Engineering Internship | Physical Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
50	deli container, rectangular
100	straws, plastic, unwrapped
15	baggies, plastic with zip
2	string (200 ft/set)
25	steel wool pads
2	scales, digital
100	coffee filters
100	pipe cleaners
40	foam peanuts
500	cotton balls
500	twist ties



Classroom materials

Quantity Description

20 Outlines to Paragraphs sheets

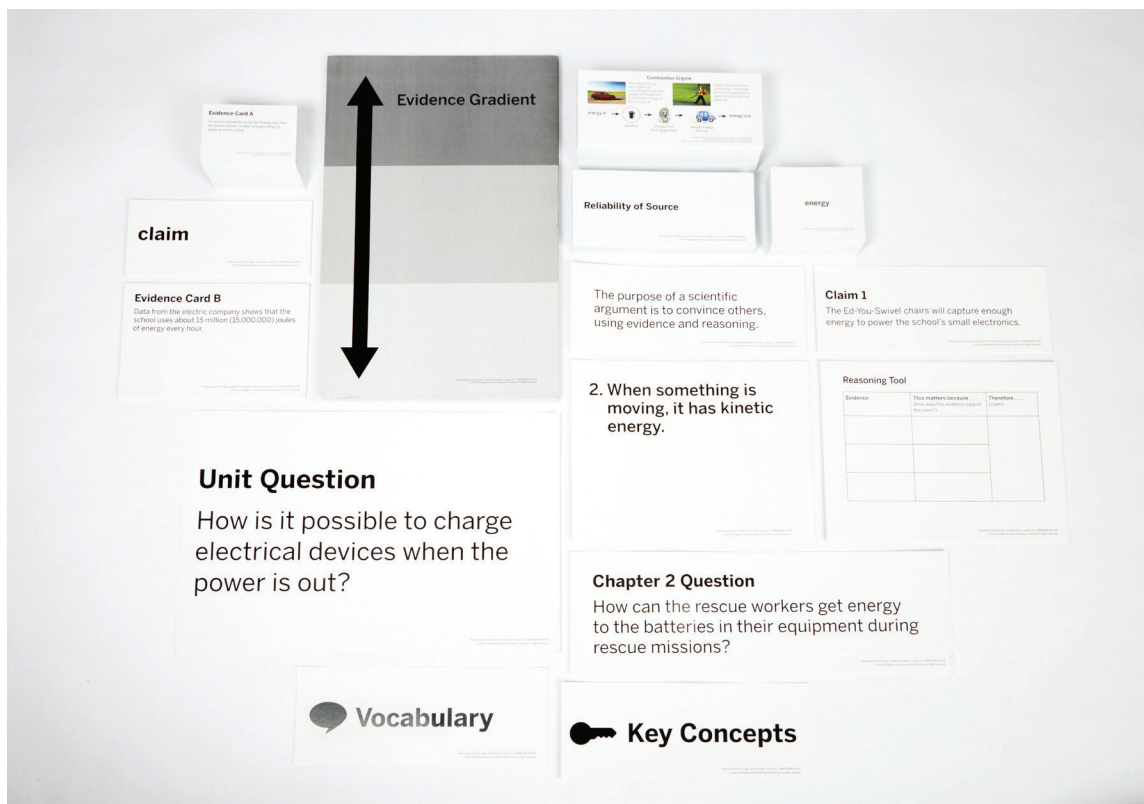
Harnessing Human Energy | Physical Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
20	cables with alligator clips
51	vials, plastic, with lid
10	generators, hand-crank
100	brads, brass plated
10	fan blades, plastic
50	springs, assorted
10	electric motors
1	string, 600 ft
10	battery holder
2	toys, wind-up
1	solar panels
10	batteries, D
20	rubber bands
1	clamp lamp



Classroom materials

Quantity	Description	Quantity	Description
2	Scientific Argumentation label and Scientific Argumentation Purpose cards	20 sets	Word Relationships cards (5 cards/set)
2	Evaluating Evidence Label and Evaluating Evidence Criterion cards	8	Large Ed-You-Swivel Evidence Cards
1	Components of a Written Scientific Argument card	21 sets	Energy Source cards (7 cards/set)
2	Scientific Argumentation Sentence Starters cards	20	Evidence Gradient student sheets
1	Argumentation Sentence Starters card	3	Large Ed-You-Swivel Claim Cards
1	Scientific Argument diagram	2	Key Concepts and Vocabulary cards headers
1	Evidence Gradient	3	Chapter Questions cards
1	Reasoning Tool	1	Unit Question card
20 sets	Ed-You-Swivel Evidence Cards (8 cards/set)	5	Key Concepts cards
20 sets	Ed-You-Swivel Claim Cards (3 cards/set)	11	Vocabulary cards

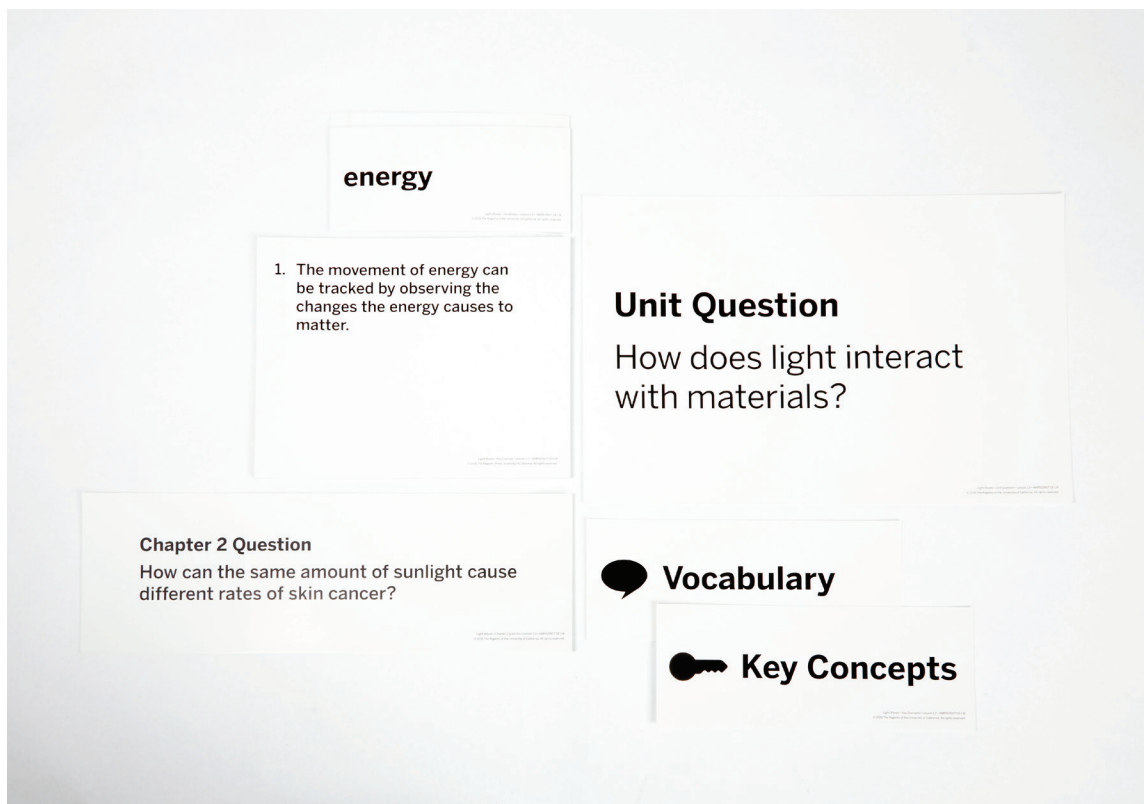
Light Waves | Physical Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
20	cubes, red and green (10 of each color)
1	liquid crystal paper, sheet
10	flashlights, UV (LED bulb)
1	transparency paper, sheet
10	flashlights, incandescent
20	stars, glow-in-the-dark
80	beads, color-changing
1	light bulb, 60 watt
10	toys, solar-powered
10	bottles, spray
10	laser pointers
5	pipe cleaners
20	binder clips
2	thermometers
1	clamp lamp
10	mirrors



Classroom materials

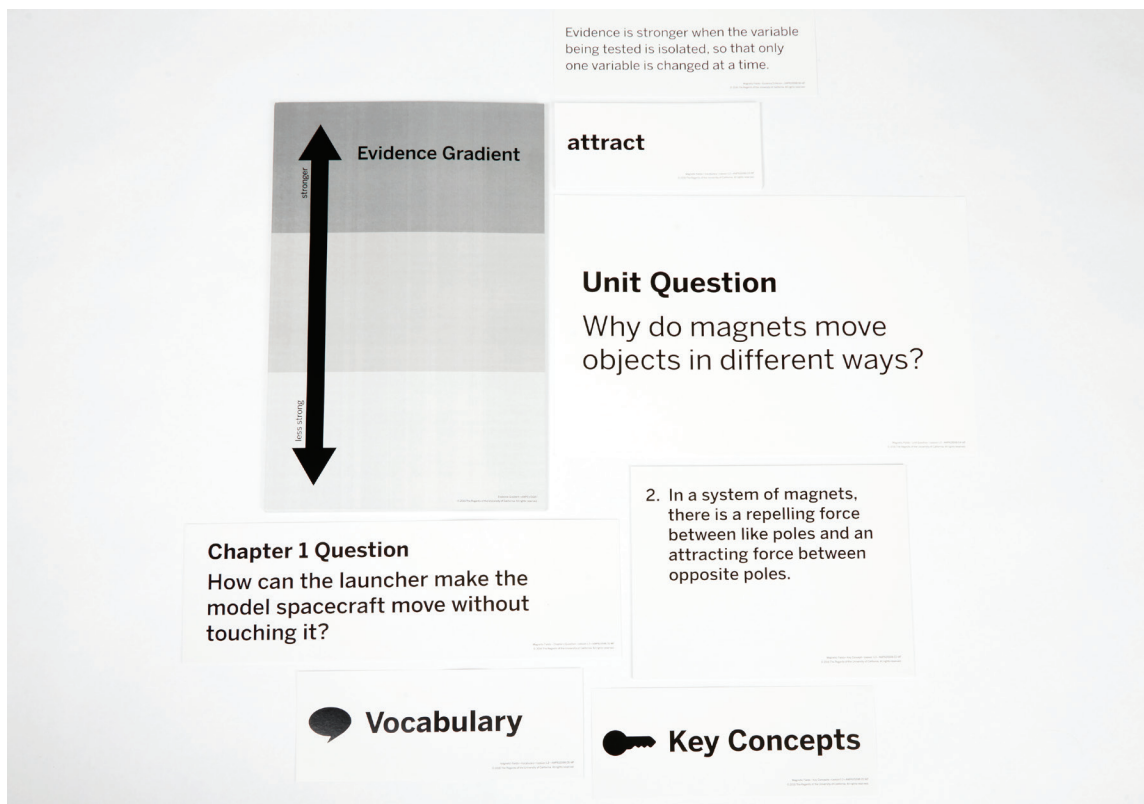
Quantity	Description
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Unit Question card
12	Key Concepts cards
10	Vocabulary cards

Magnetic Fields | Physical Science



Materials in this unit are packaged in 1 box.

Hands-on materials	
Quantity	Description
30	baggies, plastic with zip
20	wooden craft sticks
1	aluminum foil, roll
20	compression springs
20	strong magnets
20	weak magnets
10	rubber balls
20	magnet bars
100	paper clips
10	pom-poms
20	rulers



Classroom materials

Quantity	Description
20	Evidence Gradient cards
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Evidence Criterion card
8	Key Concepts cards
1	Unit Question card
16	Vocabulary cards

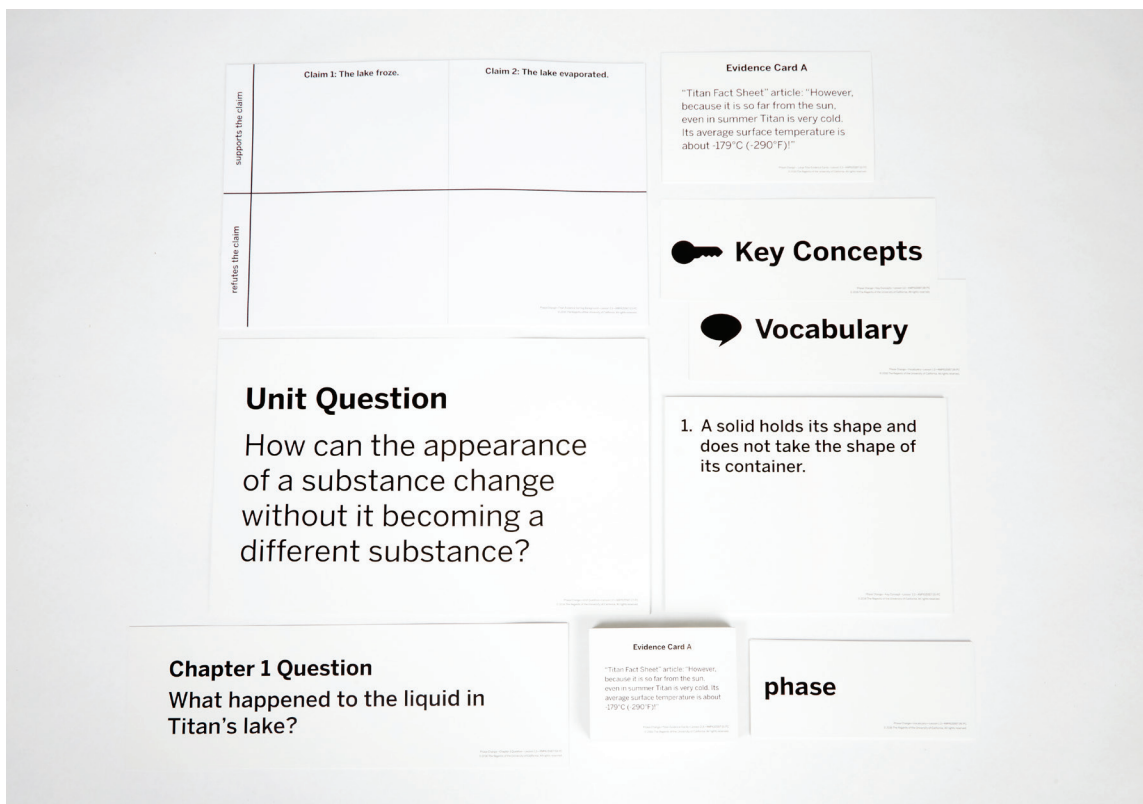
Phase Change | Physical Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
120	marbles, magnetic, low-strength
20	containers, plastic clamshell
500	isopropanol alcohol, bottles
2	cylinders, graduated, 50 mL
50	cups, plastic, 9 oz
10	cups, foam, 8 oz
40	dropper bottles
1	scale, digital
20	lenses, hand



Classroom materials

Quantity	Description
20	Titan evidence sorting background cards
20 sets	Titan Evidence cards (4 cards/set)
4	Large Titan Evidence Cards
2	Key Concepts and Vocabulary Cards headers
4	Chapter Questions cards
16	Key Concepts cards
1	Unit Question card
8	Vocabulary cards

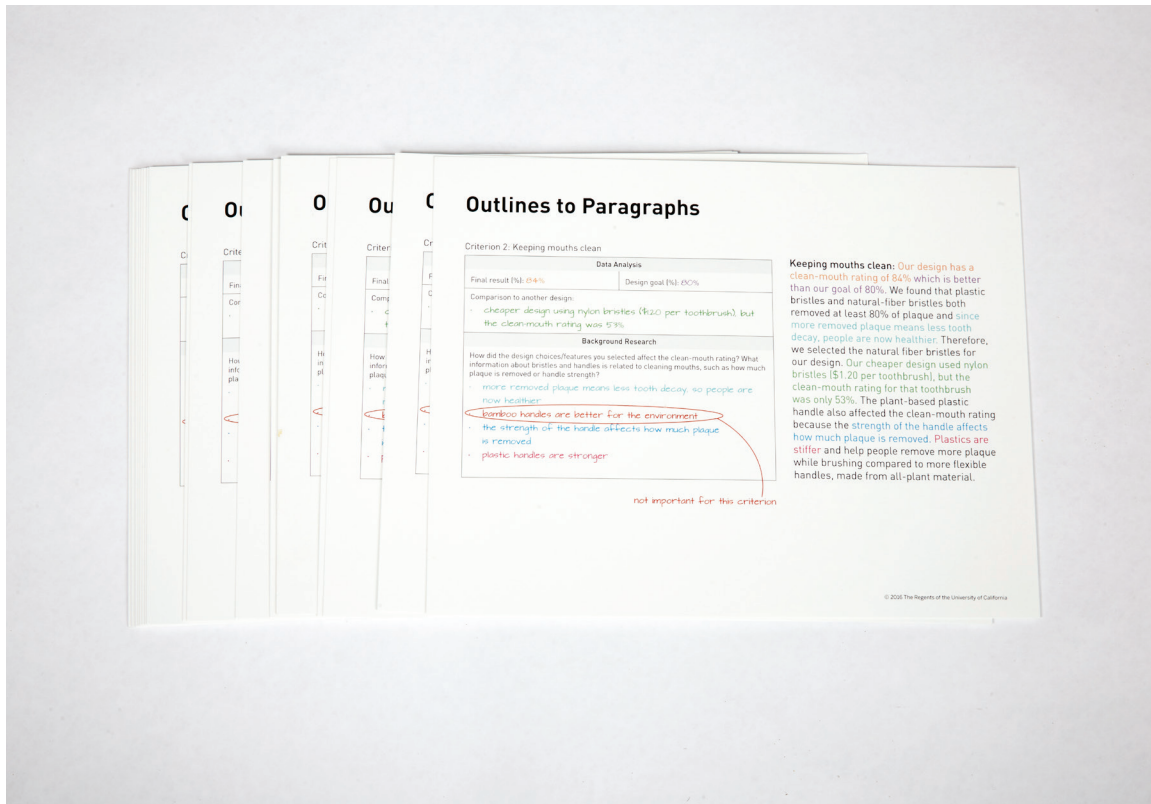
Phase Change: Engineering Internship | Physical Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
50	handwarmers
1	tongs



Classroom materials

Quantity	Description
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20	Outlines to Paragraphs sheets
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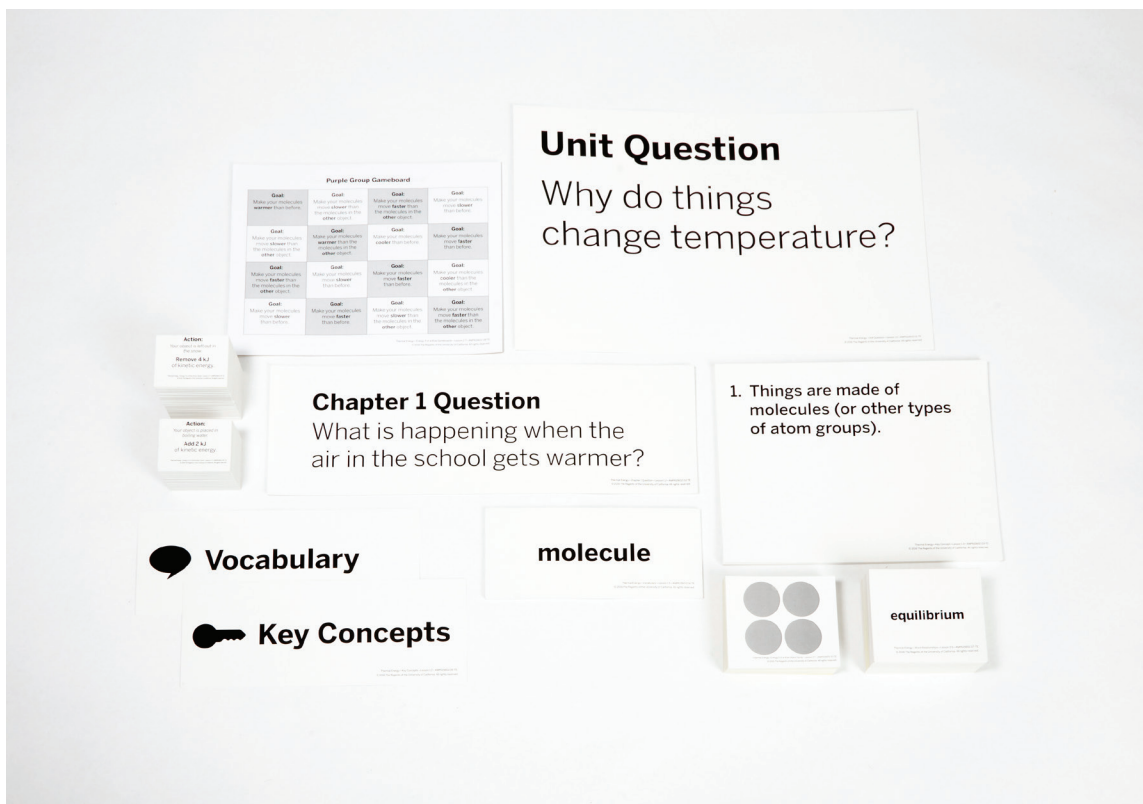
Thermal Energy | Physical Science



Materials in this unit are packaged in 1 box.

Hands-on materials

Quantity	Description
2	cylinders, graduated, 500 mL
2	deli containers, plastic
1 set	food coloring set
42	cups, plastic, 16 oz
2	pitchers, plastic
20	thermometers
1000	energy cubes



Classroom materials

Quantity	Description
20 sets	Energy 3-in-a-Row Blue Action cards (16 cards/set)
20 sets	Energy 3-in-a-Row Action cards (16 cards/set)
20 sets	Word Relationships cards: set 1 (4 cards/set)
20 sets	Word Relationships cards: set 2 (6 cards/set)
20 sets	Energy 3-in-a-Row object cards (3 cards/set)
20	Energy 3-in-a-Row game boards
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Unit Question card
14	Key Concepts cards
11	Vocabulary cards