

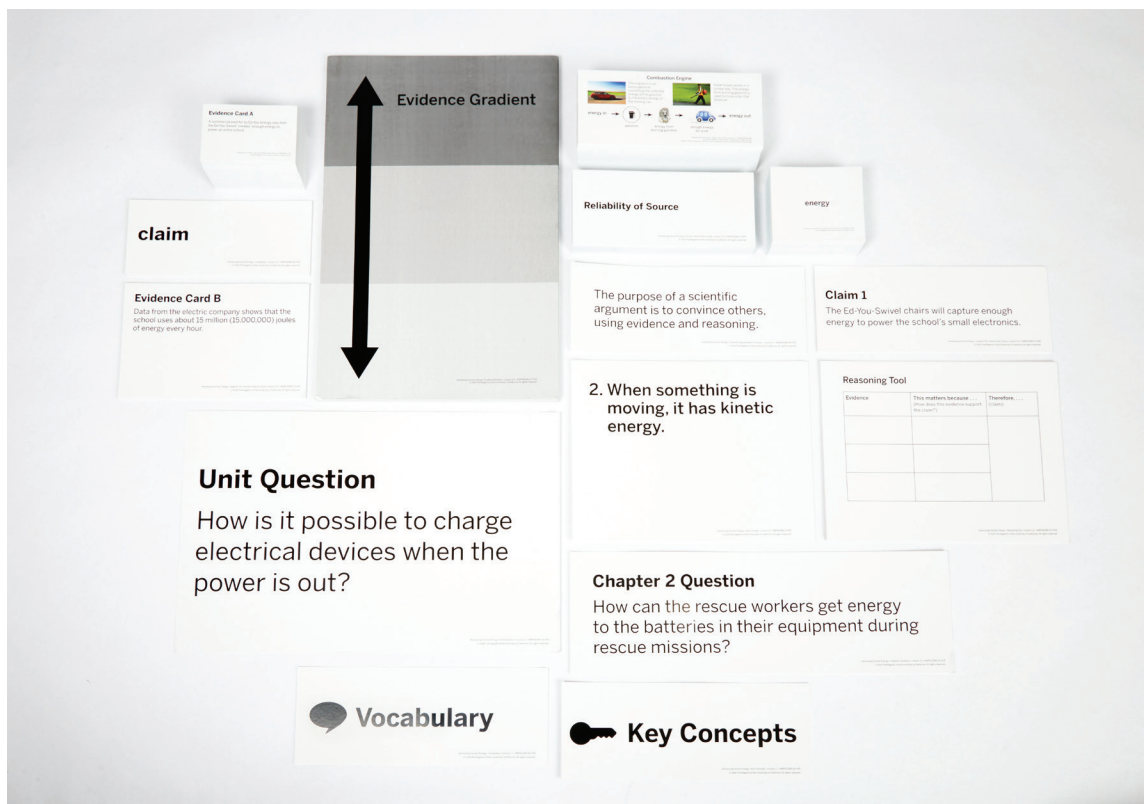
# Harnessing Human Energy | Grade 8



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

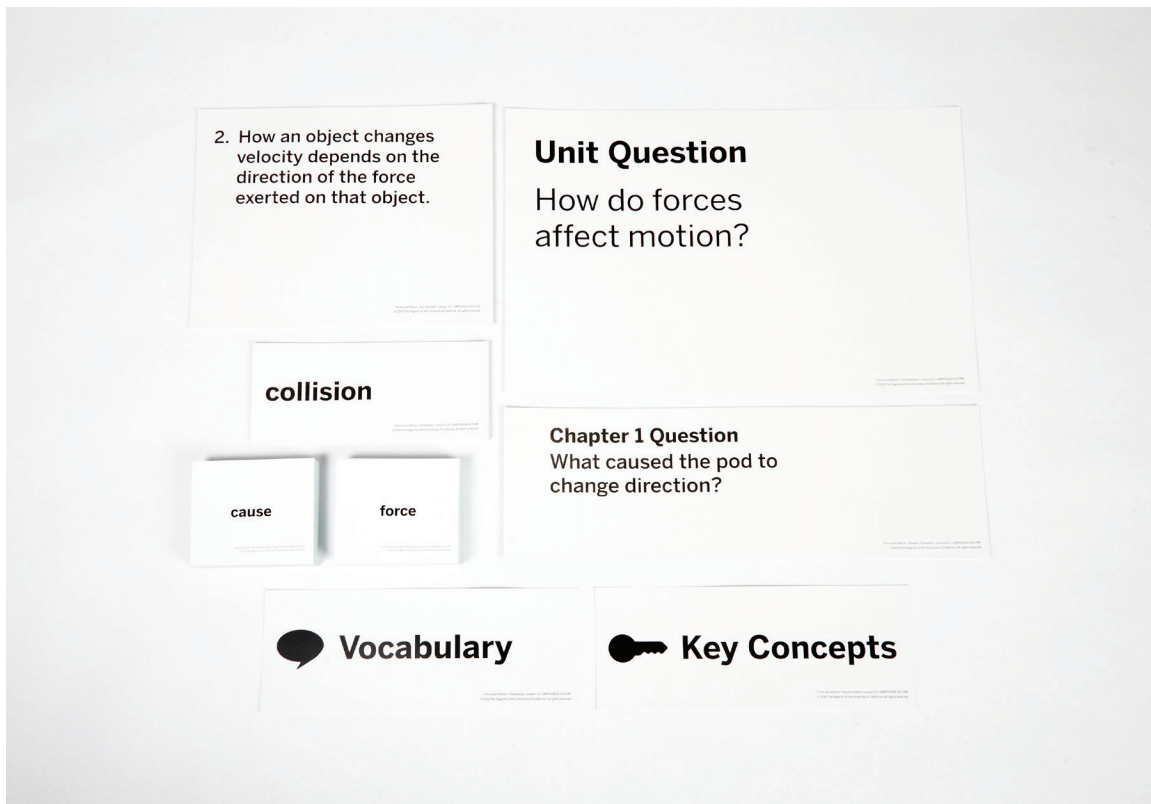
Quantity	Description		
2	Scientific Argumentation Label and Scientific Argumentation Purpose cards	20 sets	Word Relationships cards (5 cards/set)
2	Evaluating Evidence Label and Evaluating Evidence Criterion cards	8	Large Ed-You-Swivel Evidence Cards
1	components of a Written Scientific Argument card	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

# Force and Motion | Grade 8



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



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



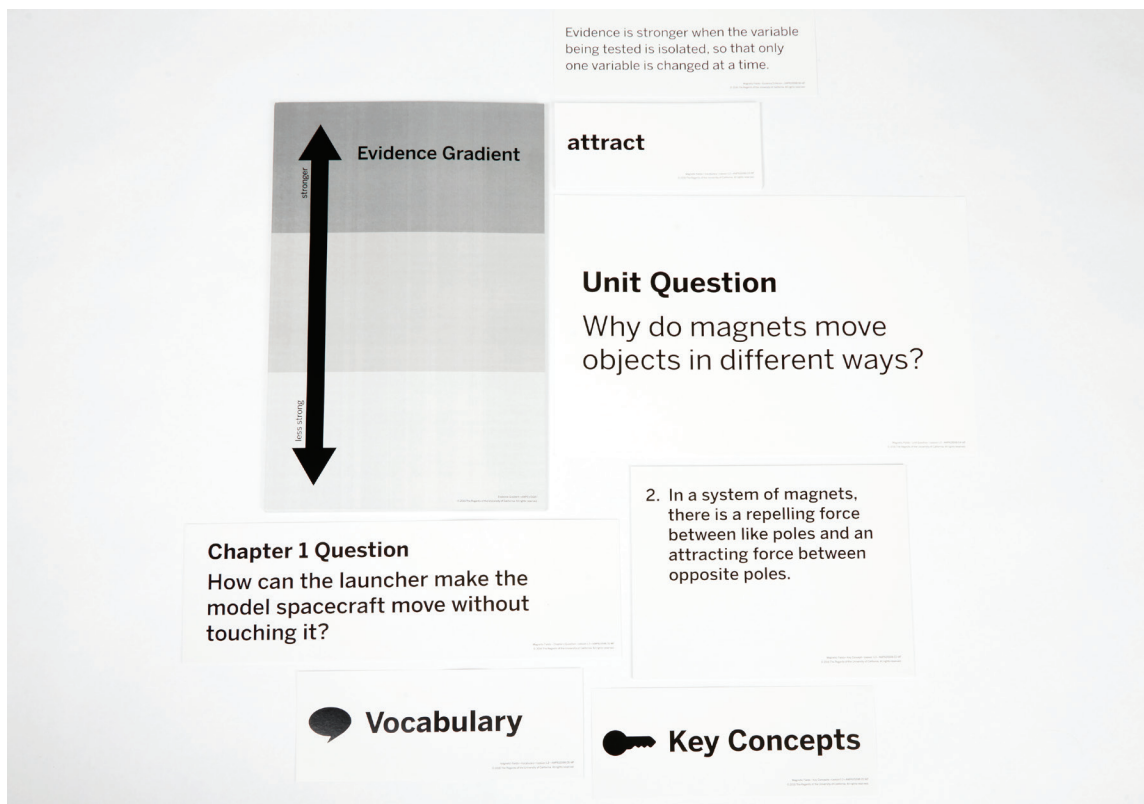
# Magnetic Fields | Grade 8



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

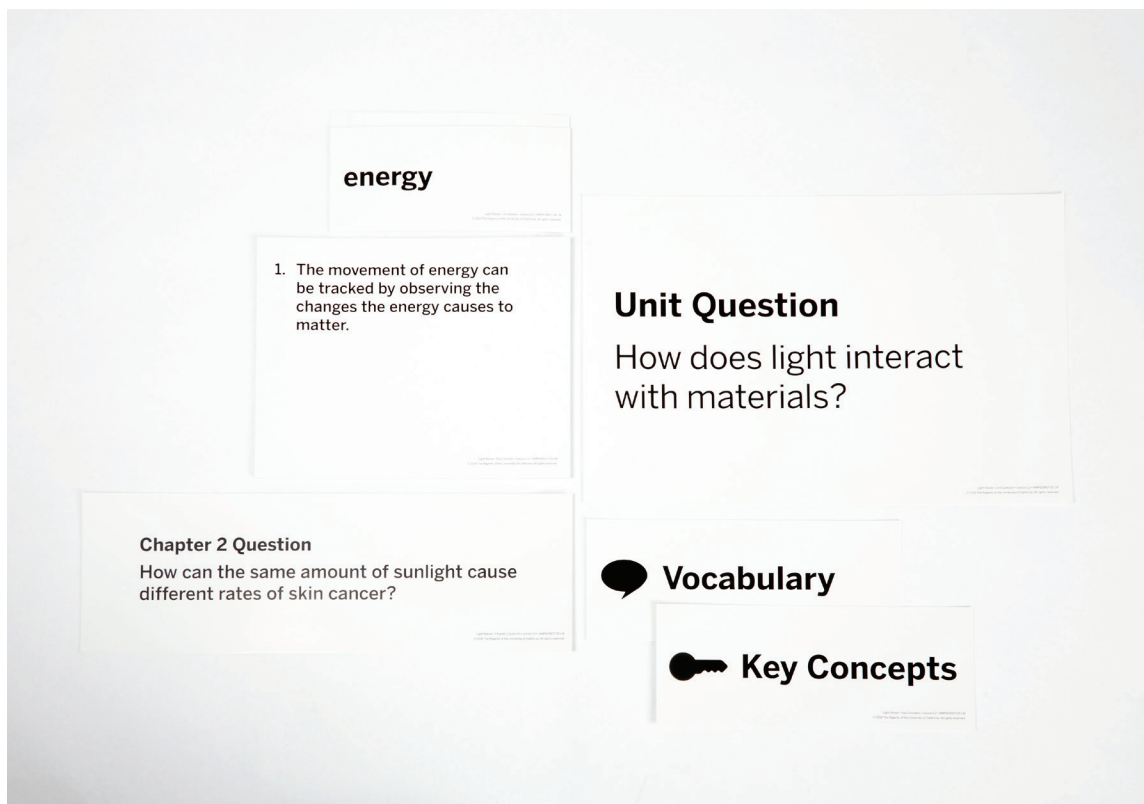
## Light Waves | Grade 8



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	lightbulb, 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

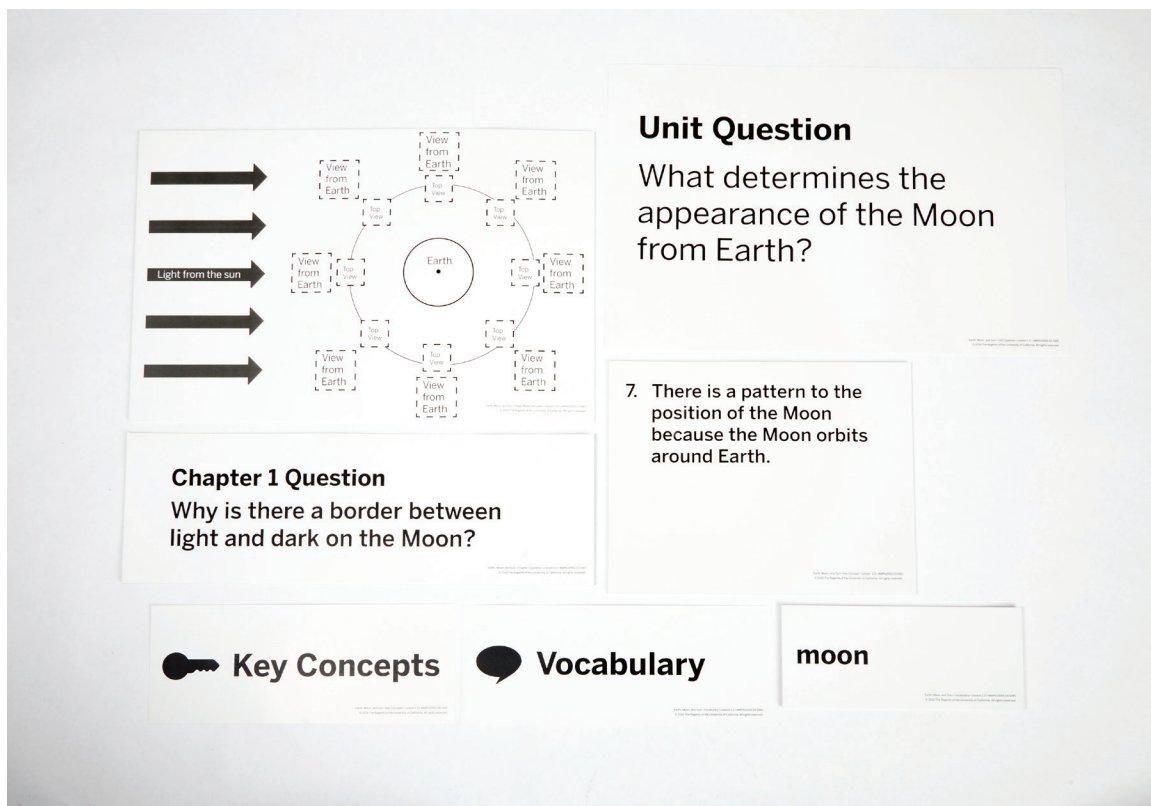
Quantity	Description
2	Key Concepts and Vocabulary cards headers
4	Chapter Questions cards
1	Unit Question card
12	Key Concepts cards
10	Vocabulary cards

# Earth, Moon, and Sun | Grade 8



Materials in this unit are packaged in 1 box.

Hands-on materials	
Quantity	Description
40	isosceles triangles cut from transparency
1	lightbulb, 60 watt
41	spheres, foam
41	chopsticks
1	clamp lamp



### Classroom materials

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

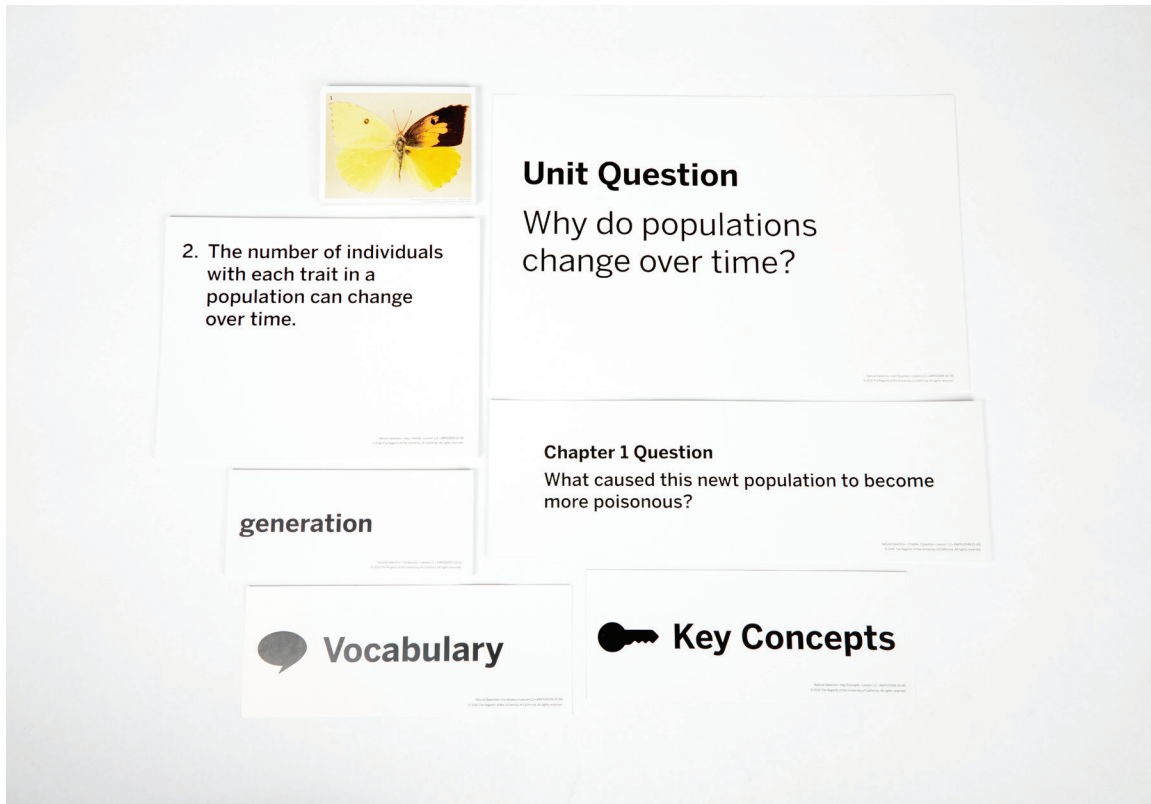
## Natural Selection | Grade 8



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



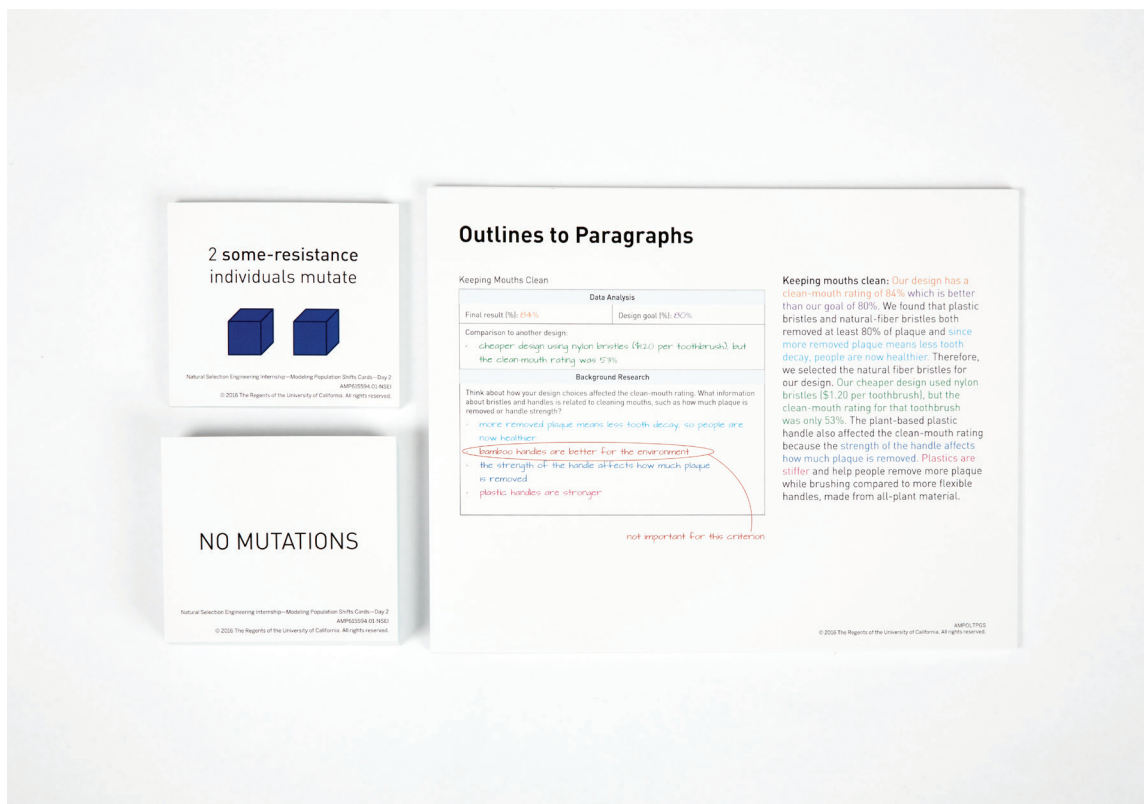
### Classroom materials

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



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

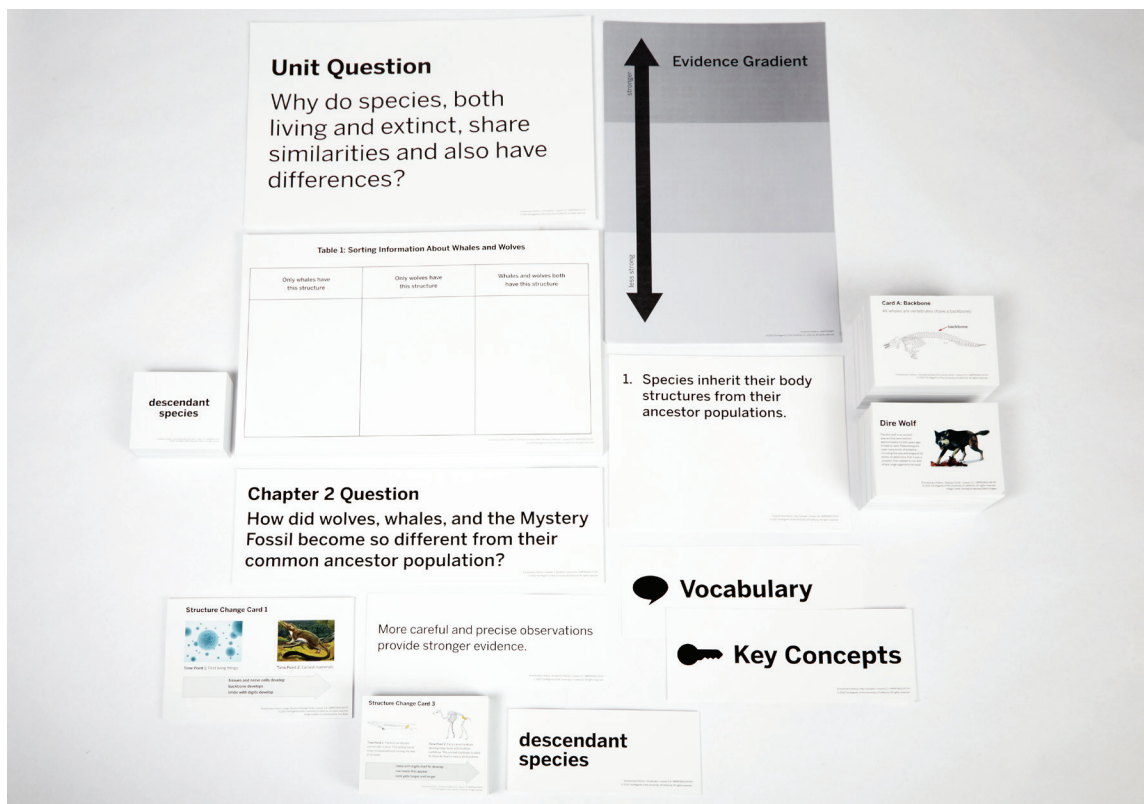
## Evolutionary History | Grade 8



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