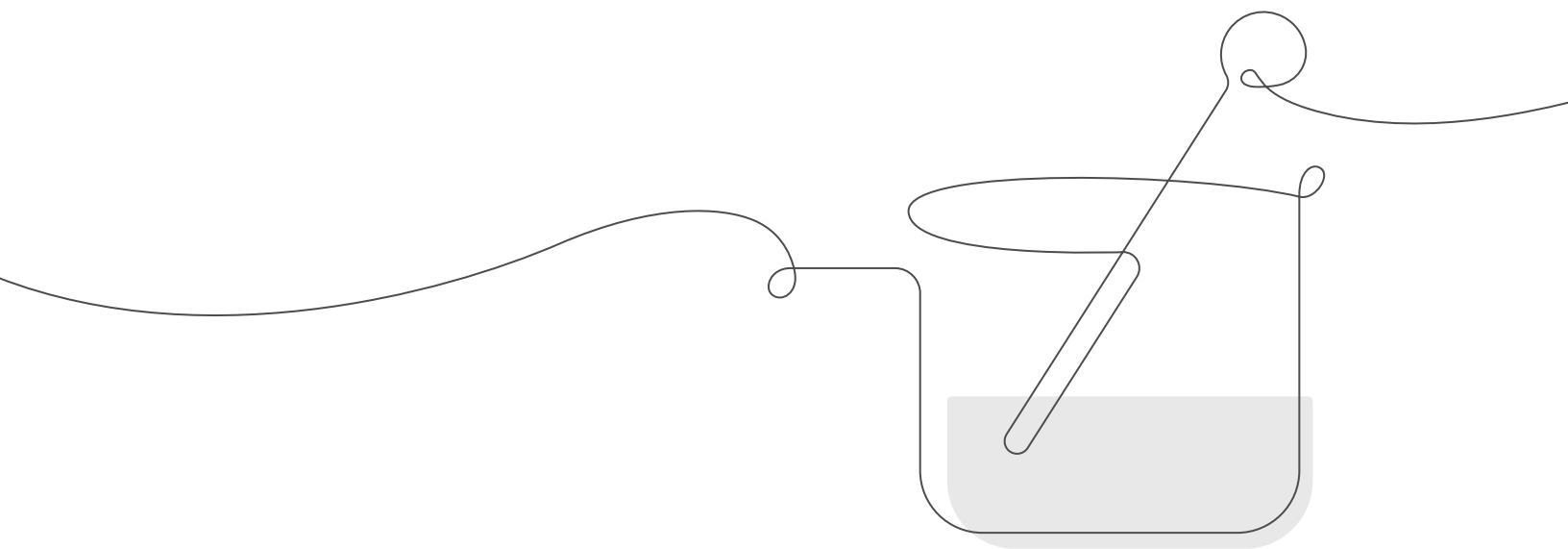


GRADE 6

Materials kit list



authored by



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Making hands-on more manageable

Hands-on learning is at the heart of Amplify Science, and is integrated into every unit. In order to make hands-on learning more manageable for busy teachers, Amplify Science materials are organized into unit-specific kits.

Each kit contains both consumable and nonconsumable materials, along with various print materials (e.g., Vocabulary and Key Concept cards). In addition, each kit contains enough materials to support small groups of 4–5 students.

Amplify Science also offers a starter kit that includes general science materials needed to conduct most hands-on activities and experiments for all units in our curriculum.



This image is a representative sample and does not reflect the exact number or size of tubs included with each grade level.

Starter Kit

TOTAL BOXES/BINS: 1 ISBN: 978-1-64089-121-0



Hands-on materials provided in the Starter kit

Quantity	Description
4	magnifying glass/hand lenses, (6/pack)
2	tub
12	paper, sticky note, pad
40	safety goggles
10	tape, masking
20	tray, plastic

Unit 1 | Microbiome

TOTAL BOXES/BINS: 1 ISBN: 978-1-64089-489-1



Hands-on materials provided in the *Microbiome* kit

Quantity	Description	Used in lesson
20 sets	Antibiotics Claim and Relevant/Irrelevant Headers (3 cards/set)	2.3
20 sets	Antibiotics Evidence Cards (7 cards/set)	2.3
20 sets	Bacteria Evidence Cards (10 cards/set)*	2.6, 2.7
1 set	Bacteria Evidence Cards, large (2 cards/set)	2.6
20 sets	Bacteria Evidence Subclaims (2 cards/set)*	2.6, 2.7
1 set	Bacteria Evidence Subclaim 2, large	2.6
20	Evidence Gradient sheets	2.6
1 set	Scale cards, large (19 cards/set)	1.2
20 sets	Scale cards: set #1 (16 cards/set)	1.1, 1.2
20 sets	Scale cards: set #2 (3 cards/set)	1.2
20 sets	Word Relationships cards (6 cards/set)	1.3

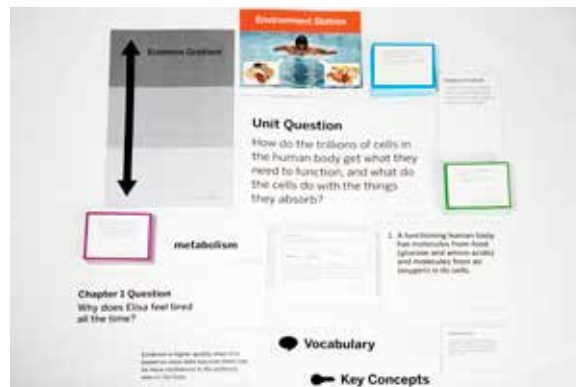
*consumable item

Print materials provided in the *Microbiome* kit

Quantity	Description	Used in lesson
1	Unit Question	1.1
2	Chapter Questions	throughout
10 + header	Key Concepts	throughout
10 + header	vocabulary	throughout
9	items for scientific argumentation wall	throughout

Unit 2 | Metabolism

TOTAL BOXES/BINS: 1 ISBN: 978-1-64089-490-7



Hands-on materials provided in the *Metabolism* kit

Quantity	Description	Used in lesson
50	bags, plastic, self-sealing, quart-sized*	3.2
1	baking soda, container*	3.2
10	bottles, 60 mL, filled with phenol red*	3.2
1	calcium chloride, container*	3.2
10	cylinders, graduated, 25 mL	3.2
1	measuring spoon	3.2
200	pipe cleaners, green	2.1
150	pipe cleaners, purple	2.1
75	pipe cleaners, yellow	2.1
1	stopwatch	3.1

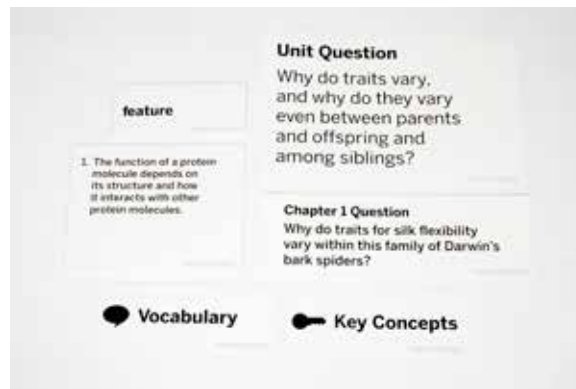
*consumable item

Print materials provided in the *Metabolism* kit

Quantity	Description	Used in lesson
20 sets	Blue Group cards (5 cards/set)	2.6
1 set	Elisa's Evidence Cards (5 cards/set)	1.3
1 set	Evidence Comparison cards (2 cards/set)	1.3
20	Evidence Gradients	4.1
1 set	Heart Failure cards (6 cards/set)	2.1
20 sets	Green Group Cards and Key (5 cards/set)	2.6
20 sets	Purple Group Cards and Key (5 cards/set)	2.6
10 sets	Role Cards (6 cards/set)	2.1
1 set	Science Seminar Evidence Cards, large (15 cards/set)	4.1, 4.2
1 set	Station Signs (6 signs/set)	2.1
Classroom / scientific wall materials		
1	Unit Question	1.2
4	Chapter Questions	1.2, 2.1, 3.1, 4.1
10 + header	Key Concepts	throughout
10 + header	vocabulary	throughout
1	Evidence Criterion Card	1.3

Unit 4 | Traits and Reproduction

TOTAL BOXES/BINS: 1 ISBN: 978-1-64089-494-5



Hands-on materials provided in the *Traits and Reproduction* kit

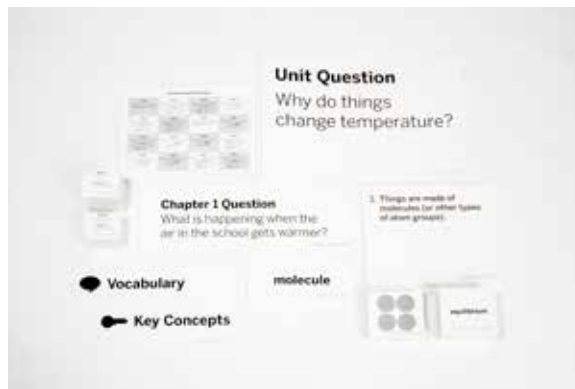
Quantity	Description	Used in lesson
1	K'NEX® kit, Intermediate Math and Geometry Kit	1.3, 2.2
20	plastic bags, 1 gallon	1.3, 2.2

Print materials provided in the *Traits and Reproduction* kit

Quantity	Description	Used in lesson
4	Chapter Questions	throughout
11 + header	Key Concepts	throughout
1	Unit Question	1.2
13 + header	Vocabulary cards	throughout

Unit 5 | Thermal Energy

TOTAL BOXES/BINS: 1 ISBN: 978-1-64089-504-1



Hands-on materials provided in the *Thermal Energy* kit

Quantity	Description	Used in lesson
25	bags, resealable	2.4, 3.2
2	bowls, plastic	3.3
45	cups, plastic	1.2, 3.3
1,000	energy cubes	2.4, 2.7, 3.2
14	food coloring, boxes*	1.2
2	graduated cylinders	3.3
2	pitchers, plastic	1.2, 3.3
20	thermometers	1.2, 3.3

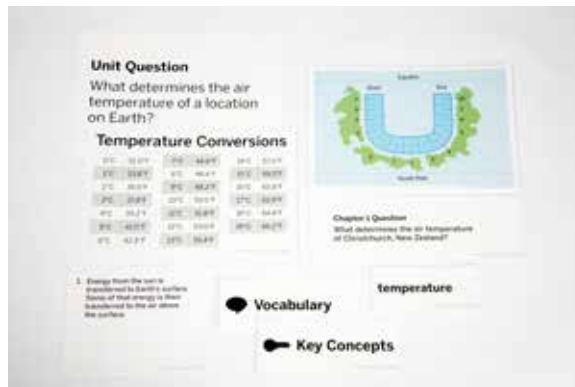
*consumable item

Print materials provided in the *Thermal Energy* kit

Quantity	Description	Used in lesson
20 sets	Word Relationship cards: set 1 (4/set)	2.1, 2.5
20 sets	Word Relationship cards: set 2 (6/set)	2.5
20 sets	Energy 3-in-a-Row action cards	2.7
20 sets	Energy 3-in-a-Row blue action cards	2.7
20	Energy 3-in-a-Row game boards	2.7
20 sets	Energy 3-in-a-Row object cards	2.7
Classroom / scientific wall materials		
1	Unit Question	throughout
4	Chapter Questions	throughout
14 + header	Key Concepts	throughout
11 + header	Vocabulary cards	throughout

Unit 6 | Ocean, Atmosphere, and Climate

TOTAL BOXES/BINS: 2 ISBN: 978-1-64089-512-6



Hands-on materials provided in the Ocean, Atmosphere, and Climate kit

Quantity	Description	Used in lesson
14	bags, plastic	2.4
1	clamp lamp	1.3
20	cups, foam, 8 ounce, with plastic lid	2.3
2	cups, plastic, 9 ounce	1.3
18	dice	2.4
1500	energy tokens, magnetic, yellow/red	2.4
1	lightbulb, incandescent, 150 watt	1.3
1	pepper, shaker*	3.2
1	ring stand	1.3
6	rocks, black	1.3
20	thermometers	1.3, 2.3
70	stickers, small, white, circular	2.4
201	straws*	3.2
11	tanks, plastic	3.2

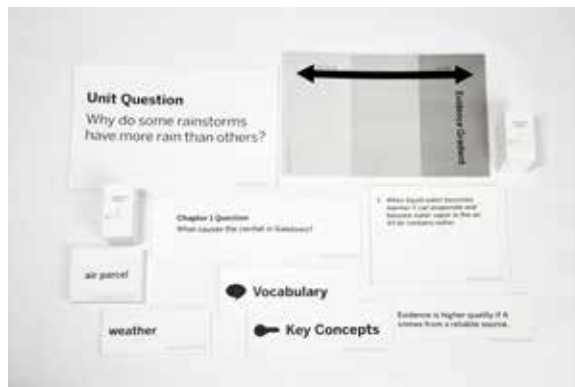
*consumable item

Print materials provided in the *Ocean, Atmosphere, and Climate* kit

Quantity	Description	Used in lesson
1	Temperature Conversions poster	1.3 and throughout
14	Ocean Currents game board	2.4
Classroom / scientific wall materials		
1	Unit Question	throughout
4	Chapter Questions	throughout
8 + header	Key Concepts	throughout
9 + header	Vocabulary cards	throughout

Unit 7 | Weather Patterns

TOTAL BOXES/BINS: 1 ISBN: 978-1-64089-510-2



Hands-on materials provided in the *Weather Patterns* kit

Quantity	Description	Used in lesson
100	sandwich size plastic bags*	1.3
1	plastic dry cleaner bag*	2.1
4	straws	2.1
40	syringes	3.1

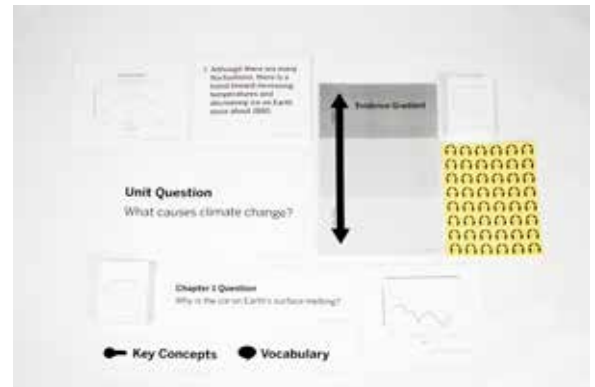
*consumable item

Print materials provided in the *Weather Patterns* kit

Quantity	Description	Used in lesson
40	Evidence Gradient	3.2, 4.1
15 sets	Making it Rain card set (54 cards/set)	2.6
15 sets	Making it Rain with Jet Streams card set (60 cards/set)	2.6
15 sets	Reaching the Target card set (36 cards/set)	2.6
1	Temperature Conversion chart	1.3
10 sets	Word Relationship cards (6 cards/set)	1.6, 2.4
Classroom / scientific wall materials		
1	Unit Question	1.2
4	Chapter Questions	throughout
11 + header	Key Concepts	throughout
15 + header	Vocabulary cards	throughout
1	Evidence Criterion	3.2

Unit 8 | Earth's Changing Climate

TOTAL BOXES/BINS: 1 ISBN: 978-1-64089-507-2



Hands-on materials provided in the *Earth's Changing Climate* kit

Quantity	Description	Used in lesson
20	bags, plastic, resealable, small	2.1, 2.6
10	sheets energy tokens (48/sheet), yellow perforated	2.1, 2.6
120	paper clips	throughout

Print materials provided in the *Earth's Changing Climate* kit

Quantity	Description	Used in lesson
1 set	Large Melting Ice Evidence Cards (3 cards/set)	1.2
20 sets	Melting Ice Evidence Cards (3 cards/set)	1.2
20 sets	Human Activities Evidence Cards (4 cards/set)	3.1
1 set	Large Volcano Evidence Cards (10 cards/set)	4.1–4.3
20 sheets	Evidence Gradient	1.2, 3.1, 4.1
Classroom / scientific wall materials		
1	Unit Question	throughout
4	Chapter Questions	throughout
16 + header	Key Concepts	throughout
16 + header	Vocabulary cards	throughout
1	Evidence Criterion	throughout

Unit 9 | Earth's Changing Climate Engineering Internship

TOTAL BOXES/BINS: 1 ISBN: 978-1-64089-508-9



Hands-on materials provided in the *Earth's Changing Climate Engineering Internship* kit

Quantity	Description	Used in lesson
10	batteries, AAA	1
10	felt, black, 9" x 12"	1
1	lamp with clamp and reflector	2
1	light bulb, 60 watt	2
5	light meter	1
10	page protector, glossy	1
1	solar-powered fan kit	2

Print materials provided in the *Earth's Changing Climate Engineering Internship* kit

Quantity	Description	Used in lesson
1	Design Cycle poster	throughout

Amplify.



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