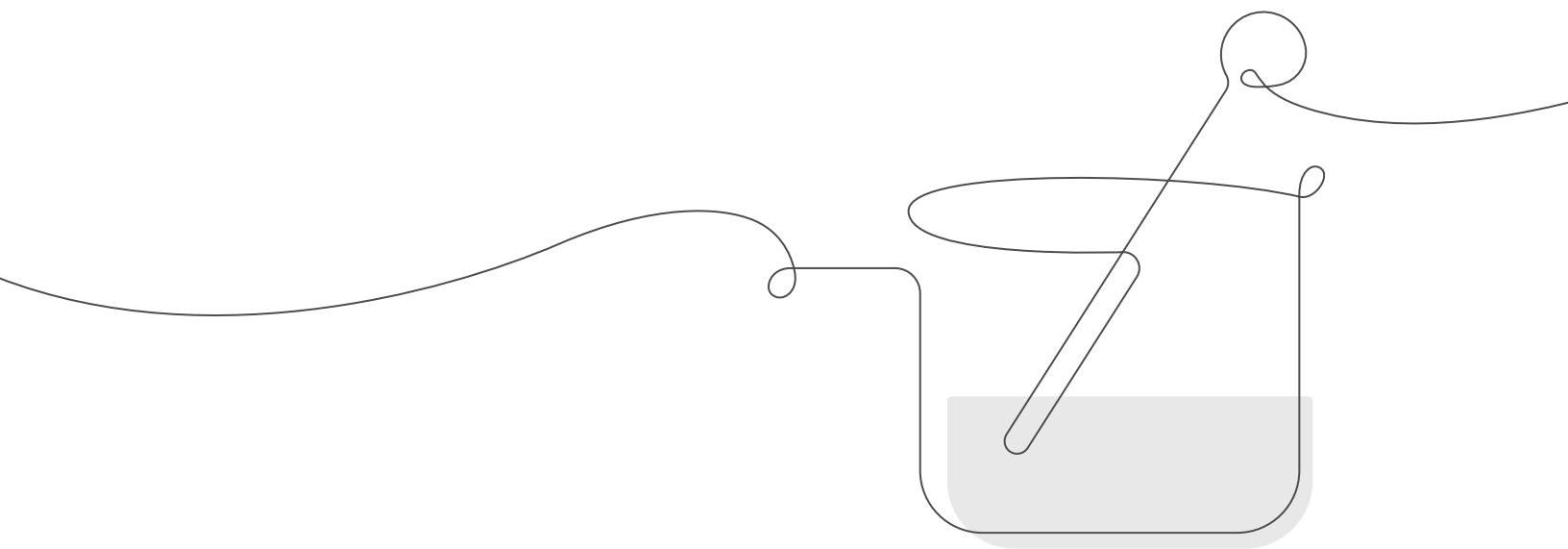


GRADE 2

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 | Plant and Animal Relationships

TOTAL BOXES/BINS: 3 ISBN: 978-1-64089-530-0



Hands-on materials provided in the *Plant and Animal Relationships* kit

Quantity	Description	Used in lesson
2 bags	beans, kidney*	3.2, 3.3
1 bag	beans, lima	1.5
2 bags	beans, mung*	3.2, 3.3
2 bags	cotton balls*	4.2, 4.3
1	fan, small	4.2, 4.3
1	flashlight	2.3
24 oz	modeling clay, blue*	3.2, 3.3
24 oz	modeling clay, green*	3.2, 3.3
24 oz	modeling clay, pink*	3.2, 3.3
24 oz	modeling clay, purple*	3.2, 3.3
18	plastic bags*	3.2, 3.3
9	plastic containers	1.6
18	plastic cups, 3-oz	1.5, 1.6
6	plastic cups, 12-oz	3.2
18	probability cubes (dice)	2.3, 3.3
1 bag	seeds, alfalfa	1.5
1 bag	seeds, beet	1.5
1 bag	seeds, ginkgo tree	1.5
1 bag	seeds, marigold	1.5
2 bags	seeds, radish*	1.6
1 bag	seeds, sunflower	1.5
1 bag	seeds, sweet corn	1.5

Hands-on materials provided in the *Plant and Animal Relationships* kit (continued)

Quantity	Description	Used in lesson
40 cups	soil	1.6
6	spoons	3.2, 3.3
1 ball	string	1.3
9	tape measures	4.3
5	tongs	3.3

*consumable item

Print materials provided in the *Plant and Animal Relationships* kit

Quantity	Description	Used in lesson
1	<i>Plant and Animal Relationships: Investigating Systems in a Bengali Forest</i> Investigation Notebook	throughout
18	Bengal Tiger Reserve Sample Study Site Map (2015)	1.4
1 set	Concept Mapping cards: Set 1 (5 cards/set)	1.7
1 set	Concept Mapping cards: Set 2 (4 cards/set)	2.2
1 set	Concept Mapping cards: Set 3 (4 cards/set)	3.6
9 sets	Plants Parts cards (8 cards/set)	2.1
Classroom wall materials		
4	Chapter Questions	1.4, 2.1, 3.1, 4.1
10	Key Concepts	throughout
2	section headers: Key Concepts, Vocabulary	1.1
1	Unit Question	1.3
14	Vocabulary cards	throughout
Student books		
18	<i>A Plant Is a System</i>	2.2
18	<i>Habitat Scientist</i>	3.1, 3.2
18	<i>Handbook of Habitats</i>	1.1, 1.4, 1.5, 2.4, 3.2, 4.4
18	<i>Investigating Seeds</i>	4.1, 4.2
18	<i>My Nature Notebook</i>	1.2

Unit 2 | Properties of Materials

TOTAL BOXES/BINS: 3 ISBN: 978-1-64089-517-1



Hands-on materials provided in the *Properties of Materials* kit

Quantity	Description	Used in lesson
54	bags, plastic	1.1, 3.3, 4.1
8	baking soda, containers*	1.5, 1.9
1	beans, kidney, bag*	1.3, 1.5, 1.9, 2.2
1	cinnamon powder, container	1.1
8	cornstarch, containers*	1.1, 1.5, 1.9, 2.2, 3.2, 3.5, 4.1, 4.2
8	corn syrup, bottles*	3.2, 3.5, 4.1, 4.2
344	cups, paper, 3 oz*	1.3, 1.5, 1.9, 3.5, 4.1, 4.2
300	cups, plastic, with lids, 9 oz*	1.5, 1.9, 2.2, 3.2, 3.5, 4.1, 4.2
6	gelatin powder, boxes (4 packages/box)*	3.2, 3.5, 4.1, 4.2
332	index cards, unlined, 4" x 6"*	1.3, 1.4, 1.7, 1.9, 3.2, 3.5
99	labels, preprinted	1.3, 1.5, 2.2, 3.2
2	salt, boxes*	1.5, 1.9
48	spoons, plastic	1.5, 1.9, 2.2, 3.5, 4.1, 4.2
400	sticks, craft, wooden, large*	4.1, 4.2
550	sticks, craft, wooden, small*	1.3, 1.5, 1.9, 3.2, 3.5, 4.1, 4.2
135	washers, metal	3.3, 4.1

*consumable item

Print materials provided in the *Properties of Materials* kit

Quantity	Description	Used in lesson
1	<i>Properties of Materials: Designing Glue</i> Investigation Notebook	throughout
18 sets	Word Relationships cards: set 1 (2 cards/set)	1.4, 1.9, 4.3
18 sets	Word Relationships cards: set 2 (3 cards/set)	1.9, 4.3
18 sets	Word Relationships cards: set 3 (4 cards/set)	4.3
Classroom wall materials		
4	Chapter Questions	throughout
13	Key Concepts	throughout
2	section headers: Key Concepts, Vocabulary	throughout
1	Unit Question	throughout
13	Vocabulary cards	throughout
Student books		
18	<i>Can You Change It Back?</i>	2.1
18	<i>Handbook of Interesting Ingredients</i>	1.6, 3.3
18	<i>Jelly Bean Engineer</i>	1.7
18	<i>Jess Makes Hair Gel</i>	3.1, 3.4, 4.1
18	<i>What If Rain Boots Were Made of Paper?</i>	1.2

Unit 3 | Changing Landforms

TOTAL BOXES/BINS: 2 ISBN: 978-1-64089-531-7



Hands-on materials provided in the *Changing Landforms* kit

Quantity	Description	Used in lesson
72	bags, plastic*	1.3
9	bottles, plastic spray	2.2, 2.5, 4.2
4	chalk, white, blocks*	2.2, 2.5, 4.2
18	containers, clear, plastic	2.2, 2.5, 4.2
16	hard candies*	1.6
74	index cards, 3" x 5"*	1.3
1	jar, clear plastic, with lid	1.6
500	pom-poms, black	3.2
18	rocks, pumice	2.5
2	sand, jagged black, cups*	1.3
2	sand, jagged white, cups*	1.3
2	sand, kinetic, boxes	4.2
2	sand, rounded multi-colored, cups*	1.3
3	sand, rounded sandbox, cups*	1.3, 4.2

*consumable item

Print materials provided in the *Changing Landforms* kit

Quantity	Description	Used in lesson
1	<i>Changing Landforms: The Disappearing Cliff</i> Investigation Notebook	throughout
12 sets	Erosion Card Set (8 cards/set)	3.3
18 sets	Island Maps Card Set (4 cards/set)	3.4
Classroom wall materials		
4	Chapter Questions	throughout
10	Key Concepts	throughout
2	section headers: Key Concepts, Vocabulary	throughout
1	Unit Question	throughout
11	Vocabulary cards	throughout
Student books		
18	<i>Gary's Sand Journal</i>	1.4, 1.5
18	<i>Handbook of Land and Water</i>	1.2, 3.1, 3.3, 3.5, 4.1, 4.2, 4.4
18	<i>Landform Postcards</i>	1.1, 4.4
18	<i>Making Models of Streams</i>	4.3
18	<i>What's Stronger? How Water Causes Erosion</i>	2.3, 2.4

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