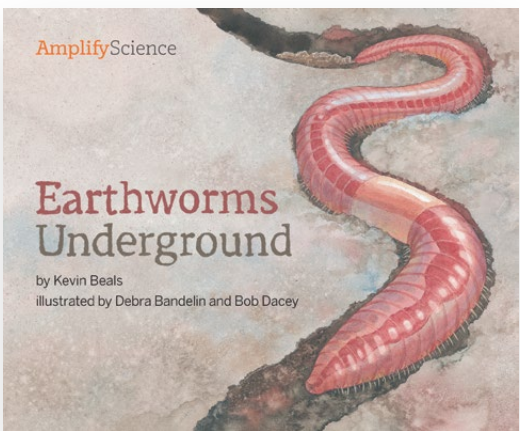


K–5 Instructional Resource Check-In Guide

Teacher and Student Materials for
the School District of Philadelphia



Authored by

**The Lawrence
Hall of Science**
UNIVERSITY OF CALIFORNIA, BERKELEY®



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Welcome to Amplify Science, Philadelphia educators!

Thank for you adopting Amplify Science as your core curriculum! We hope you and your students enjoy using the program.

Please use this guide as a checklist to manage the receipt of consumable and non-consumable teacher and student materials and do not hesitate to reach out to us with any questions.

Sincerely,
The Amplify Science Team

Needs of Plants and Animals

Print Teacher's Guide



QTY:

ISBN:
978-1-64089-774-8

Student Investigation Notebook



QTY:

ISBN:
978-1-94322-892-8

Hands-on materials kits



ISBN:
978-1-64089-526-3

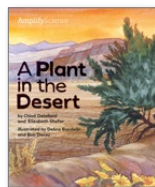
QTY:

Materials kit delivered
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- 3 lb; 25 1/4" x 18 3/4" x 13 3/8"
- 14 lb; 24 13/16" x 19" x 6 3/8"
- 2 lb; 25 1/4" x 18 3/4" x 13 3/8"

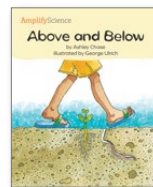
Student Books

ISBNs below reflect 6-packs for each title



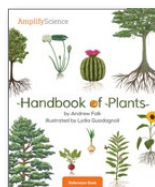
QTY:

A Plant in the Desert
ISBN:
978-1-64089-987-2



QTY:

Above and Below
ISBN:
978-1-64089-989-6



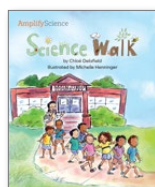
QTY:

Handbook of Plants
ISBN:
978-1-64089-991-9



QTY:

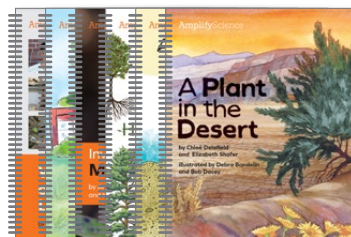
Investigating Monarchs
ISBN:
978-1-64089-993-3



QTY:

Science Walk
ISBN:
978-1-64089-995-7

Big Books



QTY:

ISBN below reflects a set
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ISBN:
978-1-64089-668-0

Pushes and Pulls

Print Teacher's Guide



QTY:

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978-1-64089-767-0

Student Investigation Notebook



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ISBN:
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Hands-on materials kits



ISBN:
978-1-64089-515-7

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Materials kit delivered
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- 48.3 lb; 25 1/4" x 18 3/4" x 13 3/8"
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- 21 lb; 24 13/16" x 19" x 6 3/8"

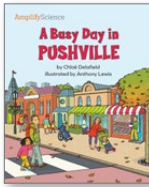
Student Books

ISBNs below reflect 6-packs for each title



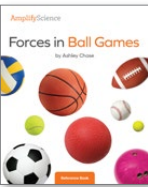
QTY:

Building with Forces
ISBN:
978-1-64089-826-4



QTY:

A Busy Day in Pushville
ISBN:
978-1-64089-828-8



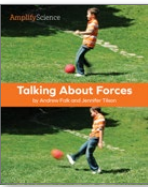
QTY:

Forces in Ball Games
ISBN:
978-1-64089-829-5



QTY:

Room 4 Solves a Problem
ISBN:
978-1-64089-827-1



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Talking About Forces
ISBN:
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ISBN:
978-1-64089-525-6

Sunlight and Weather

ISBN:
978-1-64089-781-6

AmplifyScience

Sunlight and Weather:
Solving Playground Problems

Investigation Notebook

ISBN:
978-1-94519-280-7

A collection of various objects arranged on a light gray surface. The objects include a large, silver, corrugated metal dish with a central hub; several stacks of clear plastic cups; a single clear plastic cup with a green band; a small, clear plastic jar; a black rectangular box; a green tube labeled "Green"; a white cylindrical container; a small pile of brown, crumbly material; a ruler; a small electronic device with a screen and buttons; and a small, clear plastic tray containing several white, pill-like objects.

- 22.49 lb; 25 1/4" x 18 3/4" x 13 3/8"
- 32.87 lb; 25 1/4" x 18 3/4" x 13 3/8"

AmplifyScience

Cool People in Hot Places

By Kennedy Jara

A young girl with dark hair, wearing a red one-piece swimsuit, is running through a large, vertical spray of water at a playground. She is smiling and looking towards the camera. The background shows a blue sky with white clouds, green trees, and a yellow archway. The ground is blue, possibly a rubber safety mat.

ISBN:
978-1-64089-664-2

The image shows the front cover of a teacher's guide. At the top left is the 'AmplifyScience' logo. Below it is a horizontal illustration of a sea turtle swimming in blue water. The title 'Animal and Plant Defenses: Spikes, Shells, and Camouflage' is printed in bold black text. Below the title is the subtitle 'Spikes, Shells, and Camouflage'. At the bottom center is a green rectangular button with the text 'Teacher's Guide' in white.

ISBN:
978-1-64089-775-5

The image shows the AmplifyScience logo at the top left. Below it is a cartoon illustration of a pond scene. On the left, a green frog is sitting on a lily pad. In the center, a blue turtle is swimming. On the right, a green frog is sitting on a lily pad. The background is a dark blue night sky with a few stars.

ISBN:
978-1-94519-276-0

[illegible]

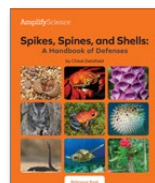
QTY:

- 36.4 lb; 24 $\frac{13}{16}$ " x 19" x 6 $\frac{3}{8}$ "

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978-1-64089-947-6



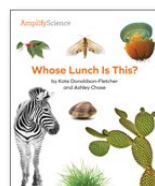
ISBN:
978-1-64089-949-0



ISBN:
978-1-64089-951-3



ISBN:
978-1-64089-953-7



ISBN:
978-1-64089-955-1

ISBN:
978-1-64089-656-7

Light and Sound

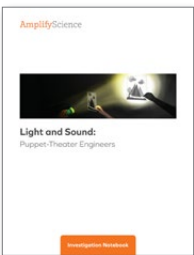
Print Teacher's Guide



QTY:

ISBN:
978-1-64089-768-7

Student Investigation Notebook



QTY:

ISBN:
978-1-94322-880-5

Hands-on materials kits



ISBN:
978-1-64089-516-4

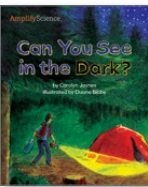
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- 18.6 lb; 24 13/16" x 19" x 6 3/8"
- 44.8 lb; 25 1/4" x 18 3/4" x 13 3/8"

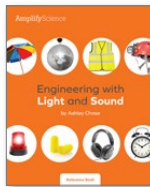
Student Books

ISBNs below reflect 6-packs for each title



QTY:

Can You See in the Dark?
ISBN:
978-1-64089-820-2



QTY:

Engineering with Light and Sound
ISBN:
978-1-64089-824-0



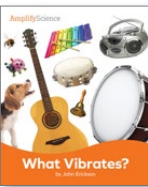
QTY:

Let's Test!
ISBN:
978-1-64089-823-3



QTY:

What Made This Shadow?
ISBN:
978-1-64089-821-9



QTY:

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ISBN:
978-1-64089-524-9

Spinning Earth

Print Teacher's Guide



QTY:

ISBN:
978-1-64089-782-3

Student Investigation Notebook



QTY:

ISBN:
978-1-94519-288-3

Hands-on materials kits



ISBN:
978-1-64089-529-4

QTY:

Materials kit delivered
in 1 box

- 29.4 lb; 24 1/2" x 14.5" x 17 2/5"

Student Books

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QTY:

After Sunset
ISBN:
978-1-64089-939-1



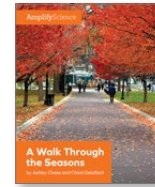
QTY:

Nighttime Investigation
ISBN:
978-1-64089-941-4



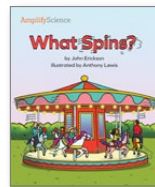
QTY:

Patterns of Earth and Space
ISBN:
978-1-64089-943-8



QTY:

A Walk Through the Seasons
ISBN:
978-1-64089-937-7



QTY:

What Spins?
ISBN:
978-1-64089-945-2

Big Books



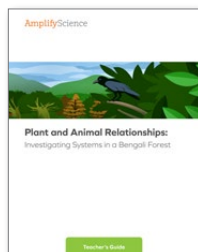
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Plant and Animal Relationships

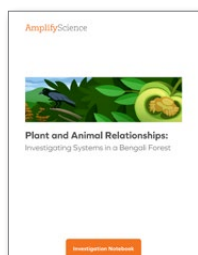
Print Teacher's Guide



QTY:

ISBN:
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Student Investigation Notebook



QTY:

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ISBN:
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Materials kit delivered
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- 20.5 lb; 24 4/5" × 8 7/10" × 17"
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- 12.6 lb; 12 7/10" × 9 3/10" × 10 9/10"

Student Books

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QTY:

Habitat Scientist

ISBN:
978-1-64276-101-6



QTY:

Handbook of Habitats

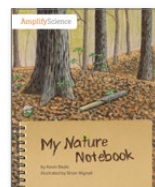
ISBN:
978-1-64276-103-0



QTY:

Investigating Seeds

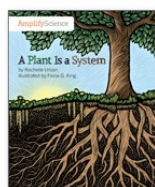
ISBN:
978-1-64276-105-4



QTY:

My Nature Notebook

ISBN:
978-1-64276-107-8



QTY:

A Plant is a System

ISBN:
978-1-64276-099-6

Properties of Materials

Print Teacher's Guide



QTY:

ISBN:
978-1-64089-769-4

Student Investigation Notebook



QTY:

ISBN:
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Hands-on materials kits



ISBN:
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Materials kit delivered
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- 33.6 lb; 24 13/16" × 19" × 6 3/8"
- 42.85 lb; 25 1/4" × 18 3/4" × 13 3/8"
- 36.6 lb; 25 1/4" × 18 3/4" × 13 3/8"

Student Books

ISBNs below reflect 6-packs for each title



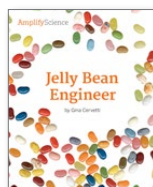
QTY:

Can You Change It Back?
ISBN: 978-1-64089-819-6



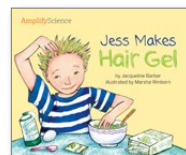
QTY:

The Handbook of Interesting Ingredients
ISBN: 978-1-64089-817-2



QTY:

Jelly Bean Engineer
ISBN: 978-1-64089-818-9



QTY:

Jess Makes Hair Gel
ISBN: 978-1-64089-816-5



QTY:

What if Rain Boots Were Made of Paper?
ISBN: 978-1-64089-815-8

Changing Landforms

Print Teacher's Guide



QTY:

ISBN:
978-1-64089-783-0

Student Investigation Notebook



QTY:

ISBN:
978-1-94519-282-1

Hands-on materials kits



ISBN:
978-1-64089-531-7

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Materials kit delivered
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- 23.4 lb; 24 13/16" × 19" × 6 3/8"
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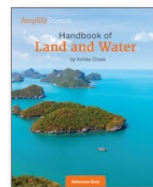
Student Books

ISBNs below reflect 6-packs for each title



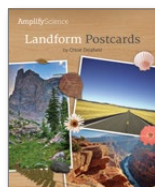
QTY:

Gary's Sand Journal
ISBN:
978-1-64089-997-1



QTY:

Handbook of Land and Water
ISBN:
978-1-64089-999-5



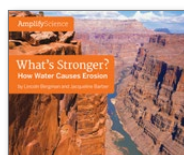
QTY:

Landform Postcards
ISBN:
978-1-945192-99-9



QTY:

Making Models of Streams
ISBN:
978-1-64276-095-8

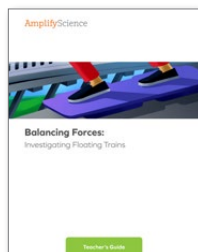


QTY:

What's Stronger? How Water Causes Erosion
ISBN:
978-1-64276-097-2

Balancing Forces

Print Teacher's Guide



QTY:

ISBN:
978-1-64089-770-0

Student Investigation Notebook



QTY:

ISBN:
978-1-94322-876-8

Hands-on materials kits



ISBN:
978-1-64089-518-8

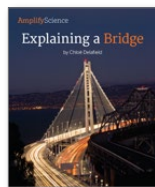
QTY:

Materials kit delivered
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- 43.2 lb; 25 1/4" x 18 3/4" x 13 3/8"

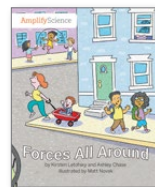
Student Books

ISBNs below reflect 6-packs for each title



QTY:

Explaining a Bridge
ISBN:
978-1-64089-810-3



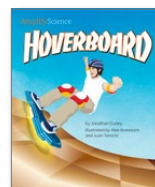
QTY:

Forces All Around
ISBN:
978-1-64089-811-0



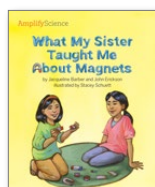
QTY:

Handbook of Forces
ISBN:
978-1-64089-812-7



QTY:

Hoverboard
ISBN:
978-1-64089-813-4

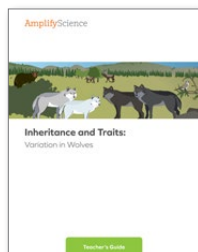


QTY:

*What My Sister Taught Me
About Magnets*
ISBN:
978-1-64089-814-1

Inheritance and Traits

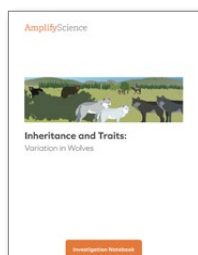
Print Teacher's Guide



QTY:

ISBN:
978-1-64089-777-9

Student Investigation Notebook



QTY:

ISBN:
978-1-94519-278-4

Hands-on materials kits



ISBN:
978-1-64089-533-1

QTY:

Materials kit delivered
in 1 box

- 39.1 lb; 24 1/2" × 14 3/10" × 17 1/2"

Student Books

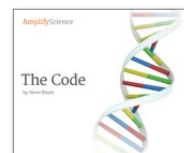
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QTY:

Blue Whales and Buttercups

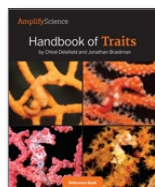
ISBN:
978-1-64276-119-1



QTY:

The Code

ISBN:
978-1-64276-127-6



QTY:

Handbook of Traits

ISBN:
978-1-64276-121-4



QTY:

*How the Sparrow
Learned Its Song*

ISBN:
978-1-64276-123-8



QTY:

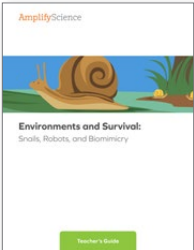
Scorpion Scientist

ISBN:
978-1-64276-125-2

GRADE 3

Environments and Survival

Print Teacher's Guide



QTY:

ISBN:
978-1-64089-778-6

Student Investigation Notebook



QTY:

ISBN:
978-1-94322-894-2

Hands-on materials kits



ISBN:
978-1-64089-534-8

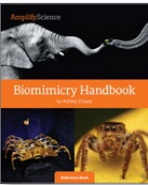
QTY:

Materials kit delivered
in 2 boxes

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Student Books

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QTY:

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ISBN:
978-1-64276-129-0



QTY:

Cockroach Robots

ISBN:
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QTY:

Earthworms Underground

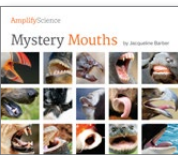
ISBN:
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Environment News

ISBN:
978-1-64276-135-1



QTY:

Mystery Mouths

ISBN:
978-1-64276-137-5

Weather and Climate

Print Teacher's Guide



QTY:

ISBN:
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Student Investigation Notebook



QTY:

ISBN:
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Hands-on materials kits



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QTY:

Materials kit delivered
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- 25.4 lb; 24 13/16" × 19" × 6 3/8"
- 20.1 lb; 25 1/4" × 18 3/4" × 13 3/8"

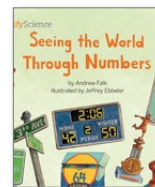
Student Books

ISBNs below reflect 6-packs for each title



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Dangerous Weather Ahead
ISBN:
978-1-64276-109-2



QTY:

Seeing the World Through Numbers
ISBN:
978-1-64276-111-5



QTY:

Sky Notebook
ISBN:
978-1-64276-113-9



QTY:

What's Going On with the Weather?
ISBN:
978-1-64276-116-0

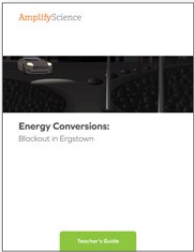


QTY:

World Weather Handbook
ISBN:
978-1-64276-117-7

Energy Conversions

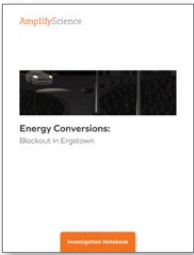
Print Teacher's Guide



QTY:

ISBN:
978-1-64089-771-7

Student Investigation Notebook



QTY:

ISBN:
978-1-94322-879-9

Hands-on materials kits



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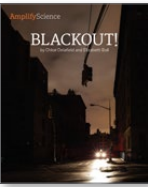
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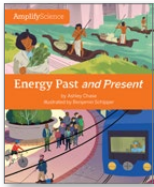
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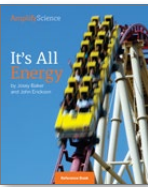
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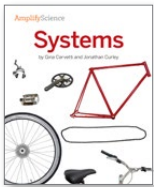
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978-1-64089-800-4



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QTY:

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Hands-on materials kits



ISBN:
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QTY:

Materials kit delivered
in 3 boxes

- 12.8 lb; 24 13/16" × 19" × 6 3/8"
- 34.8 lb; 25 1/4" × 18 3/4" × 13 3/8"
- 17.7 lb; 24 13/16" × 19" × 6 3/8"

Student Books

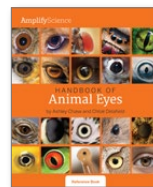
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QTY:

Crow Scientist

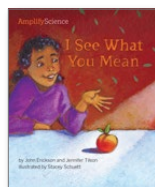
ISBN:
978-1-64089-967-4



QTY:

Handbook of Animal Eyes

ISBN:
978-1-64089-969-8



QTY:

I See What You Mean

ISBN:
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QTY:

Investigating Animal Senses

ISBN:
978-1-64089-973-5



QTY:

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ISBN:
978-1-64089-975-9

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Amplify Science

**Arguing to Solve
a Mystery**

by Meghan Comstock, Andrew Fall,
Emily Gerson, and Nancy Jan

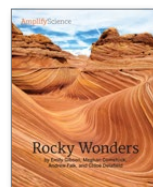
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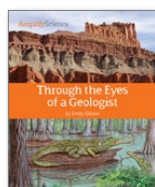
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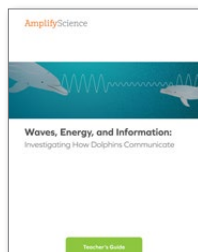
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ISBN:
978-1-64089-965-0

Waves, Energy, and Information

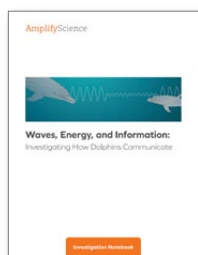
Print Teacher's Guide



QTY:

ISBN:
978-1-64089-772-4

Student Investigation Notebook



QTY:

ISBN:
978-1-94322-888-1

Hands-on materials kits



ISBN:
978-1-64089-520-1

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Student Books

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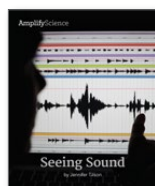
QTY:

Patterns in Communication
ISBN:
978-1-64089-809-7



QTY:

The Scientist Who Cracked the Dolphin Code
ISBN:
978-1-64089-807-3



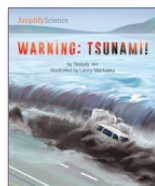
QTY:

Seeing Sound
ISBN:
978-1-64089-808-0



QTY:

Sound on the Move
ISBN:
978-1-64089-805-9

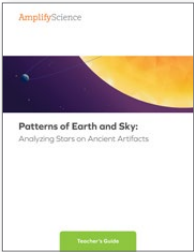


QTY:

Warning: Tsunami!
ISBN:
978-1-64089-806-6

Patterns of Earth and Sky

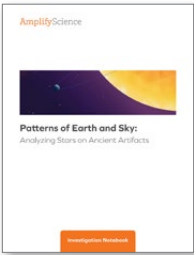
Print Teacher's Guide



QTY:

ISBN:
978-1-64089-786-1

Student Investigation Notebook



QTY:

ISBN:
978-1-94519-284-5

Hands-on materials kits



ISBN:
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Student Books

ISBNs below reflect 6-packs for each title



QTY:

Dog Days of Summer
ISBN:
978-1-64089-905-6



QTY:

How Big Is Big? How Far Is Far?
ISBN:
978-1-64089-909-4



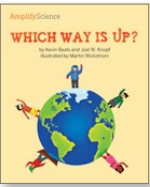
QTY:

Handbook of Stars and Constellations
ISBN:
978-1-64089-907-0



QTY:

Star Scientist
ISBN:
978-1-64089-911-7



QTY:

Which Way Is Up?
ISBN:
978-1-64089-913-1

Modeling Matter

AmplifyScience

Modeling Matter:
The Chemistry of Food

Teacher's Guide

ISBN:
978-1-68391-203-3

The image shows the front cover of a science notebook. At the top left is the 'AmplifyScience' logo. Below it is a horizontal rectangular image with a colorful, abstract pattern of red, orange, and yellow, resembling a sunset or a close-up of a flower. Below this image, the title 'Modeling Matter:' is written in a large, bold, black font, followed by the subtitle 'The Chemistry of Food' in a smaller, regular black font. At the bottom center, there is an orange rectangular button with the text 'Investigation Notebook' in white.

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ISBN:
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ISBN:
978-1-64089-797-7

AmplifyScience

Solving Dissolving

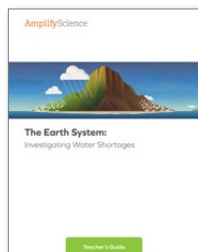
by Tessy Ann and Emily Gibson
Illustrated by Lydia Gooding

The cover features an illustration of a young boy and girl sitting at a wooden table. The boy, on the left, is wearing a blue shirt and is stirring a white substance in a bowl with a wooden spoon. The girl, on the right, is wearing a purple shirt and is looking at the boy. On the table is a glass of yellow liquid. The background is a simple green wall with a window showing a glimpse of the outdoors.

ISBN:
978-1-64089-798-4

The Earth System

Print Teacher's Guide



QTY:

ISBN:
978-1-64089-787-8

Student Investigation Notebook



QTY:

ISBN:
978-1-94519-292-0

Hands-on materials kits



ISBN:
978-1-64089-539-3

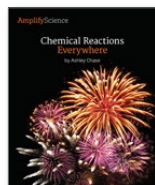
QTY:

Materials kit delivered
in 2 boxes

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- 24.7 lb; 24 $13\frac{1}{16}$ " $\times$ 19" $\times$ 6 $\frac{3}{8}$ "

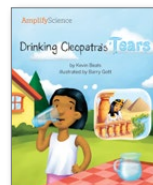
Student Books

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QTY:

*Chemical Reactions
Everywhere*
ISBN:
978-1-64089-915-5



QTY:

Drinking Cleopatra's Tears
ISBN:
978-1-64089-917-9



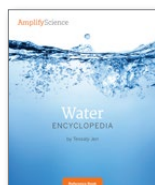
QTY:

Engineering Clean Water
ISBN:
978-1-64089-919-3



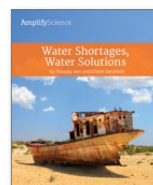
QTY:

*How the Earth System
Explains Dinosaur Extinction*
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978-1-64089-921-6



QTY:

Water Encyclopedia
ISBN:
978-1-64089-923-0



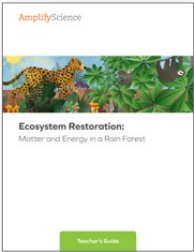
QTY:

*Water Shortages,
Water Solutions*
ISBN:
978-1-64089-925-4

GRADE 5

Ecosystem Restoration

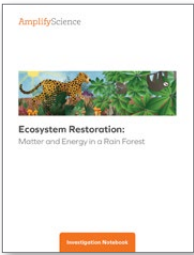
Print Teacher's Guide



QTY:

ISBN:
978-1-64089-780-9

Student Investigation Notebook



QTY:

ISBN:
978-1-94322-890-4

Hands-on materials kits



ISBN:
978-1-64089-488-4

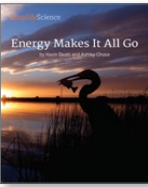
QTY:

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Student Books

ISBNs below reflect 6-packs for each title



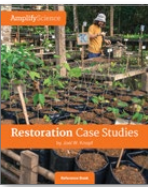
QTY:

Energy Makes It All Go
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QTY:

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ISBN:
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