



Books for Grades 3–5

A hands-on STEAM Challenge is included in each book.

Reading List

SPANISH
ISBN IN
GREEN



Amphibian Rescue
by Vickie An
Ages 7–12 · 32 Pages · Paperback Book
ISBN: 9781493866779 · [9780743926881](#)

Find out why frogs are so amazing, and why they need our help to survive!

[View this title:](#)
go.tcmpub.com/amphibian-rescue



Making a Mummy
by Dona Herweck Rice
Ages 7–12 · 32 Pages · Paperback Book
ISBN: 9781493866793 · [9780743926904](#)

Discover how and why Egyptians preserved and protected a body after death.

[View this title:](#)
go.tcmpub.com/making-a-mummy



Predicting Earthquakes
by Kristy Stark
Ages 7–12 · 32 Pages · Paperback Book
ISBN: 9781493866885 · [9780743926997](#)

Learn about seismology and the scientists who study earthquakes.

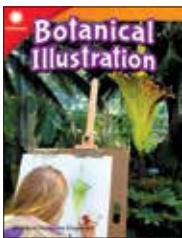
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go.tcmpub.com/predicting-earthquakes



Raising Clouded Leopards
by Lisa MacDonald
Ages 7–12 · 32 Pages · Paperback Book
ISBN: 9781493866762 · [9780743926874](#)

Discover why clouded leopards are so special, and why they need our help.

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go.tcmpub.com/clouded-leopards



Botanical Illustration
by Kristina Mercedes Urquhart
Ages 7–12 · 32 Pages · Paperback Book
ISBN: 9781493866830 · [9780743926942](#)

Learn how the detailed drawings of botanical illustrators help scientists.

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Helping People See
by Monika Davies
Ages 7–12 · 32 Pages · Paperback Book
ISBN: 9781493866861 · [9780743926973](#)

Explore the world of optics, where light bends to help people see.

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Underwater Training
by Danica Kassebaum
Ages 7–12 · 32 Pages · Paperback Book
ISBN: 9781493866823 · [9780743926935](#)

Learn how astronauts, doctors, and athletes use swimming pools for aquatic therapy and training.

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Exploring Volcanic Activity
by Nick Cimarusti
Ages 7–13 · 32 Pages · Paperback Book
ISBN: 9781493867035 · [9781087643762](#)

We know volcanoes are dangerous, but do you know why they are important?

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go.tcmpub.com/exploring-volcanoes



Saving the Arctic
by Serena Haines
Ages 7–13 · 32 Pages · Paperback Book
ISBN: 9781493866939 · [9781087625287](#)

Discover how changes in the Arctic ecosystem and melting polar ice affect the entire Earth.

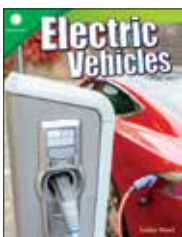
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go.tcmpub.com/saving-arctic



The Science of Waves and Surfboards
by Lisa Steele MacDonald
Ages 7–13 · 32 Pages · Paperback Book
ISBN: 9781493867059 · [9781087643786](#)

Explore how surfers select the right surfboard and to understand the motion of waves.

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go.tcmpub.com/wave-science



Electric Vehicles
by Lesley Ward
Ages 7–13 · 32 Pages · Paperback Book
ISBN: 9781493867028 · [9781087643755](#)

Learn why electric vehicles entice drivers to “dump the pump” and how they have evolved over time.

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Designing a Shuttle
by Elisa Jordan
Ages 7–13 · 32 Pages · Paperback Book
ISBN: 9781493867011 · [9781087643748](#)

Learn about the challenges NASA faced when tasked with creating the first space shuttle.

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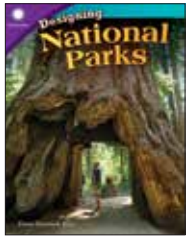
Reading List

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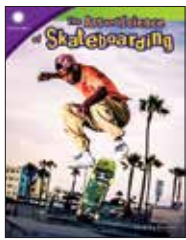
Tracking a Storm
by Heather E. Schwartz
Ages 7–13 · 32 Pages · Paperback Book
ISBN: 9781493867042 · [9781087643779](#)

Explore how tracking hurricanes and tornadoes helps people prepare for disasters.
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Designing National Parks
by Dona Herweck Rice
Ages 8–18 · 32 Pages · Paperback Book
ISBN: 9781493867110 · [9781087644486](#)

Learn how the National Park Service has been enhancing experiences for more than 100 years.
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The Art and Science of Skateboarding
by Monika Davies
Ages 8–18 · 32 Pages · Paperback Book
ISBN: 9781493867172 · [9781087644547](#)

Explore the fascinating “science” behind skateboard tricks and the design of skateboards.
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Digging Up Dinosaurs
by Curtis Slepian
Ages 8–18 · 32 Pages · Paperback Book
ISBN: 9781493867097 · [9781087644462](#)

Learn how dinosaur fossils go from the ground into museum exhibits.
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Designing Butterfly Exhibits
by Nicole Sipe
Ages 7–13 · 32 Pages · Paperback Book
ISBN: 9781493866915 · [9781087625263](#)

Learn about the challenges scientists face when creating indoor ecosystems for butterflies.
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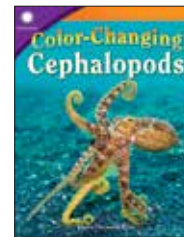
Saving a Species
by Angela Davids
Ages 8–18 · 32 Pages · Paperback Book
ISBN: 9781493867066 · [9781087644431](#)

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Living and Working in Space
by Nicole Sipe
Ages 8–18 · 32 Pages · Paperback Book
ISBN: 9781493867127 · [9781087644493](#)

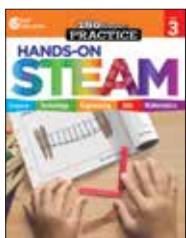
Explore how farming in outer space works.
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Color-Changing Cephalopods
by Dona Herweck Rice
Ages 8–18 · 32 Pages · Paperback Book
ISBN: 9781493867141 · [9781087644516](#)

Learn how scientists are studying cephalopods to learn about their “changeability.”
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Teacher Resources



180 Days: Hands-On STEAM Grade 3
by Kristin Kemp
Grade 3 · 224 Pages · Activity Book
ISBN: 9781425825300

Develop critical-thinking skills with hands-on lab activities integrating STEAM concepts using the inquiry process.
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go.tcmpub.com/steam-3



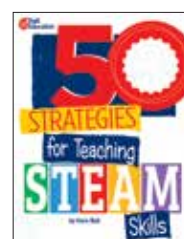
180 Days: Hands-On STEAM Grade 4
by Cheryl Lane
Grade 4 · 224 Pages · Activity Book
ISBN: 9781425825317

Improve critical-thinking skills with hands-on lab activities that integrate STEAM concepts using the inquiry process.
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go.tcmpub.com/steam-4



180 Days: Hands-On STEAM Grade 5
by Kristin Kemp
Grade 5 · 224 Pages · Activity Book
ISBN: 9781425825324

Practice critical-thinking skills with hands-on lab activities that integrate STEAM concepts using the inquiry process.
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50 Strategies for Teaching STEAM Skill
by Kara Ball
Grade K–12 · 96 Pages · Teacher Resources
ISBN: 9798885543392

Includes 50 instructional strategies to help students develop STEAM skills through easy-to-implement activities.
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