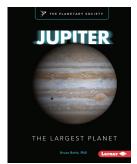
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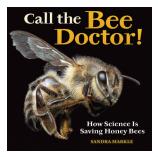
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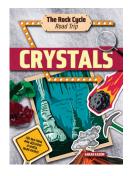
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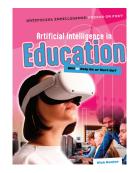
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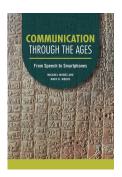
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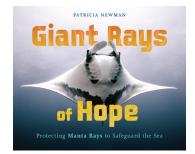
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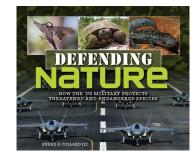
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Grades 4-8



Grades 8-12



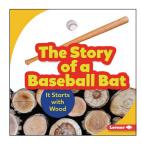
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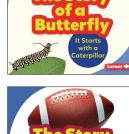
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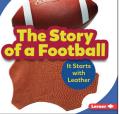




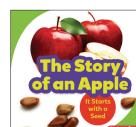


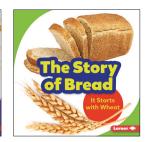












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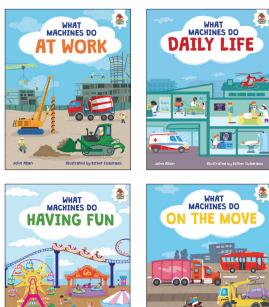
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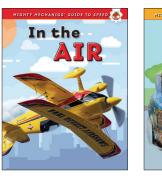
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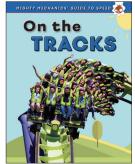
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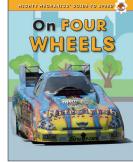
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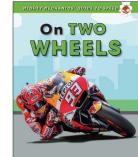
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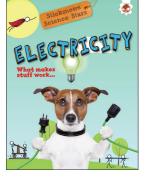
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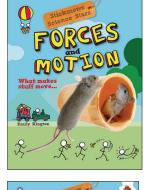
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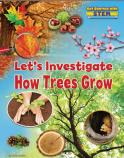
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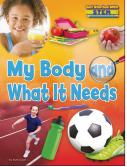
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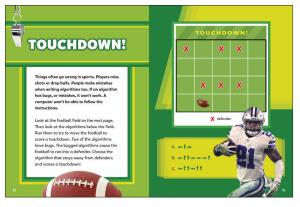
CODING G

Sports Coding Concepts

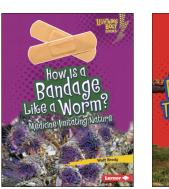
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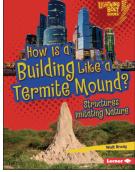
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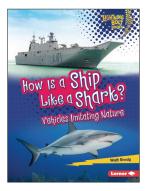


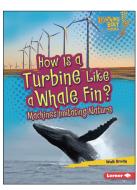
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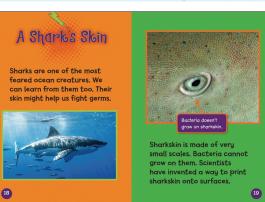
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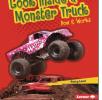


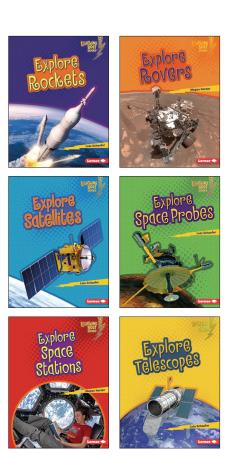












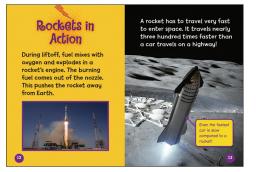
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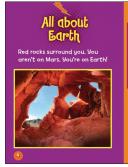
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Earth is a planet in the solar system. It is the third planet from our star, the sun. It is about 93 million miles (150 million km) from the sun.





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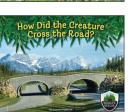
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Caution: Turtles and Frogs Aheadi







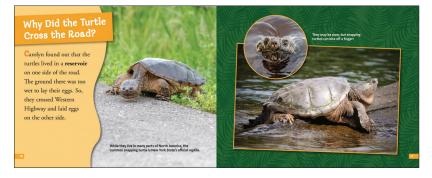
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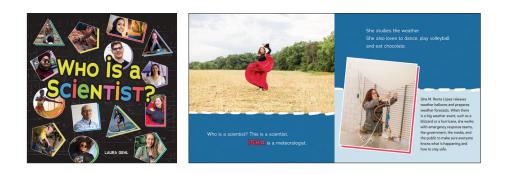
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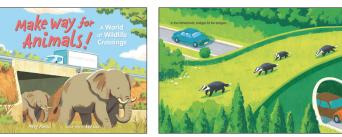
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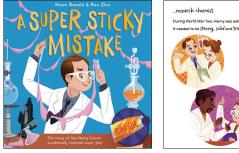
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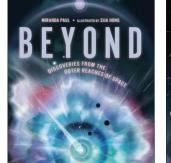
Germs Up Close

Sara Levine

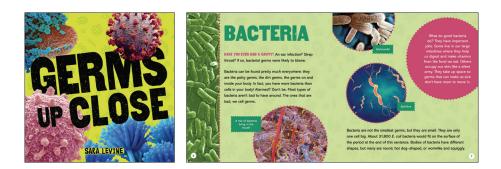
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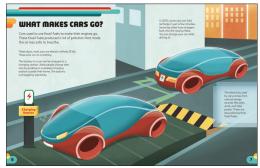
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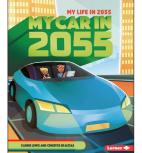
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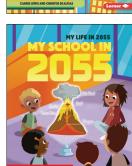
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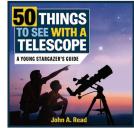
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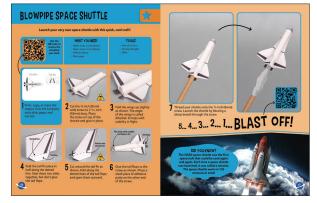
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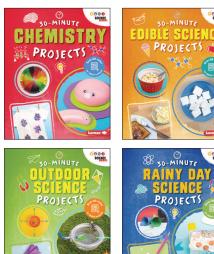
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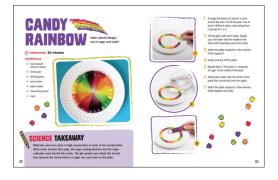
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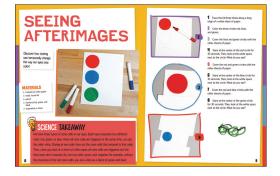
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darkness, and she heard the faint bark of a dog far off in the quiet distance. "Intr this your favorite time of the day? Jaces ashed Mr. Stubbs, who was already back asleep on Jeane's lap. "It's to tranquil. Stubbs. Are you savek?" She giggled. A pair of bark futured by, during back and forth for their early breakfast of timy ts. "Do bats eat bee

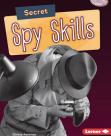










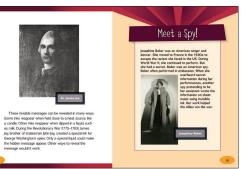


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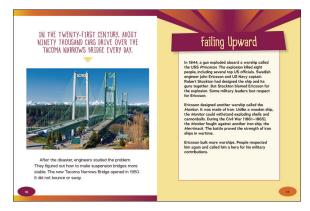
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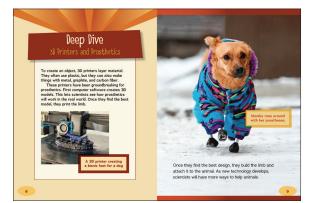
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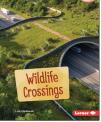


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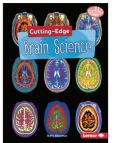


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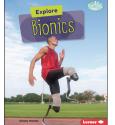






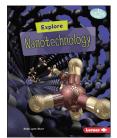


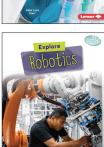














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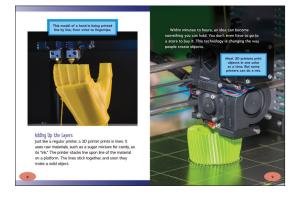
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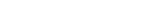
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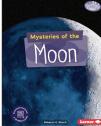




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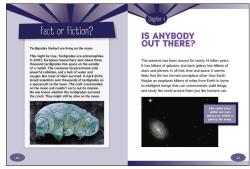


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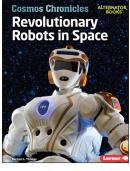














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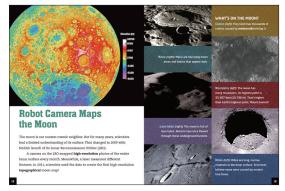
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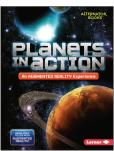
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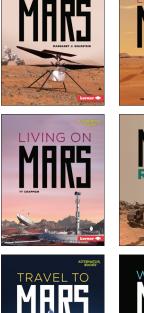






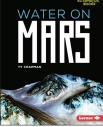


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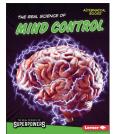


















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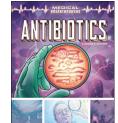
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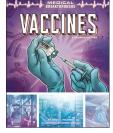
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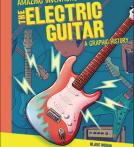














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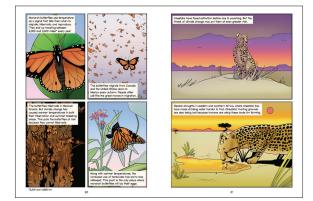
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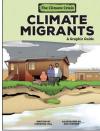
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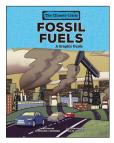
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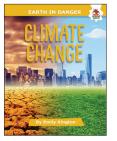


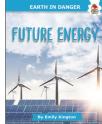




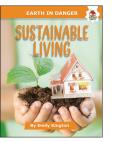












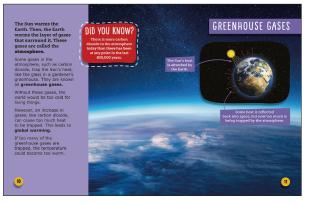


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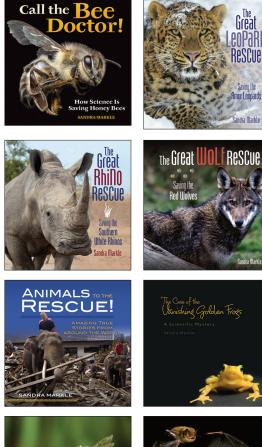
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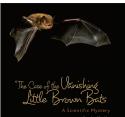
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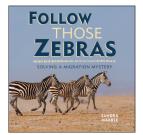
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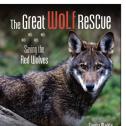




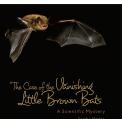


















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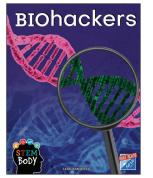
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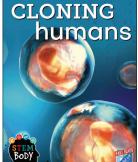
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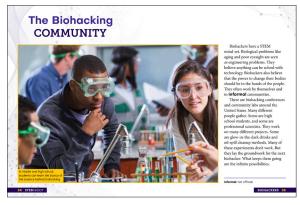
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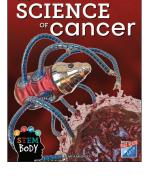
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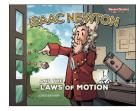
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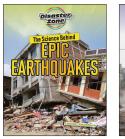
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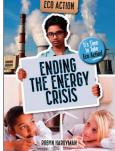














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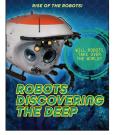


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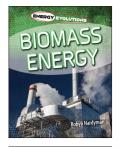


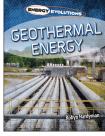


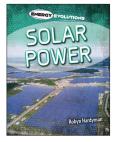


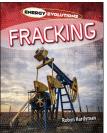


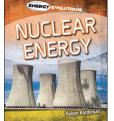


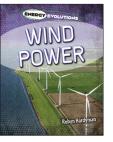












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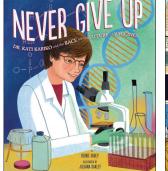
The Secret Career of Mary Golda Ross, Cherokee Aerospace Engineer Traci Sorell illus. Natasha Donovan

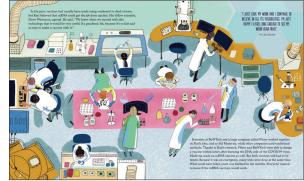
Iracı Sorell Illus. Natasha Donovan

Mary Golda Ross designed classified projects for Lockheed Aircraft Corporation as the company's first female engineer. Find out how her passion for math and the Cherokee values she was raised with shaped her life and work.

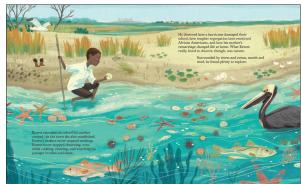
SPANISH-LANGUAGE TITLE PG 52

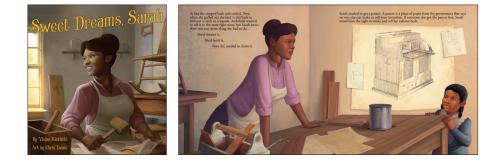
Reading Level Grade 3 Interest Level Grades 2-5 Lexile 940 GRL R Pages 32 Trim 9¼ x 11 ©21 Millbrook Press™ ★Kirkus Hardcover \$14.99 (List \$19.99) 9781541579149 Also Available ⊘ eBook ⊘ eBook w/Audio

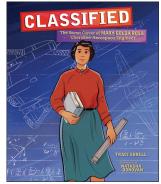






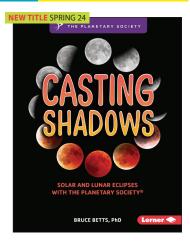








STEM INTERMEDIATE GRADES

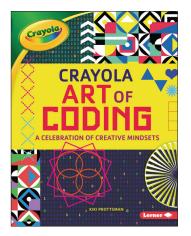


Casting Shadows Solar and Lunar Eclipses with The Planetary Society®

Bruce Betts and PhD

The year 2024 is set to have multiple solar and lunar eclipses. But what do you know about eclipses? With engaging diagrams and photos, readers will learn all about eclipses in an approachable way.

Reading Level Grades 2-3 Interest Level Grades 2-4 GRL P Pages 32 Trim 7 x 9 ©24 Lerner Publications™ Hardcover \$22.99 (List \$30.65) 9798765608975 Paperback \$9.99 9798765624562 Also Available ⊘eBook



Crayola[®] Art of Coding A Celebration of Creative Mindsets Kiki Prottsman

Young readers will love delving into some of the most important basics of computational thinking and coding. Readers will learn concepts from sequencing to debugging through unplugged activities that empower them to think like coders.

Reading Level Grades 4-5 Interest Level Grades 3-6 Lexile 930 GRL 5 Pages 32 Trim 7¾ x 10 ©21 Lerner Publications™ Paperback \$8.99 9781728423838 Also Available ⊘eBook ©2024 Grayola.Crayola Oval Logo® & Crayola® used under license.



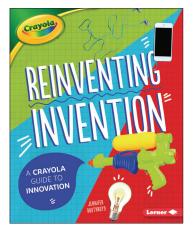
★ Picnic Planet A Lunchtime Guide to Your Galaxy's Exoplanets Asa Stahl illus. Nadia Hsieh

If you could go anywhere beyond our galaxy for the perfect picnic, where would you go? Take a ride on a spaceship to explore worlds beyond our own and see what kind of strange planets are out there.

 Reading Level Grade 2
 Interest Level Grades 2-5

 Pages 32
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 Creston Books ★Booklist
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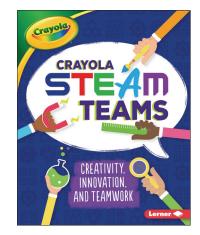


Reinventing Invention A Crayola[®] Guide to Innovation

Jennifer Boothroyd

This dive into the history of popular and lesser-known inventions is sure to inspire reader curiosity. Untold details behind the invention of the lightbulb, the Super Soaker, and more challenge what readers might have heard.

Reading Level Grades 4-5 Interest Level Grades 3-6 Lexile 890 GRL R Pages 32 Trim 8 x 10 ©21 Lerner Publications™ Hardcover \$20.99 (List \$27.99) 9781728403212 Paperback \$8.99 9781728423821 Also Available ⊘eBook ©2024 Crayola.Crayola Oval Logo® & Crayola® used under license.



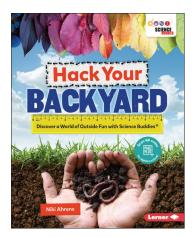
Crayola[®] STEAM Teams Creativity, Innovation, and Teamwork Kevin Kurtz

Take a look at the many ways that teams use STEAM to solve problems. From developing smartphones to capturing images of black holes, there's nothing teams can't do when they work together!

Reading Level Grades 3-4 Interest Level Grades 2-5 Lexile 1020 GRL V Pages 32 Trim 8 x 10 ©21 Lerner Publications™

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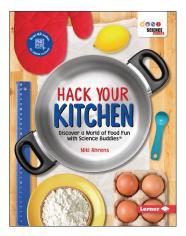
Hack Your Backyard Discover a World of Outside Fun with Science Buddies® Niki Ahrens

Explore science in your own backyard through this wild collection of projects. Make your own compass, learn to tell the temperature from crickets, count the stars, and more! This book was created in partnership with Science Buddies[®], an organization focused on fostering STEM discovery through hands-on explorations.

Reading Level Grades 3-4 Interest Level Grades 2-5 Lexile 810 GRL R Pages 32 Trim 8 x 10 ©19 Lerner Publications™

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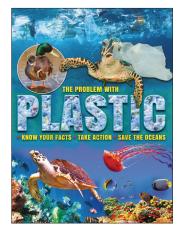
INTERMEDIATE GRADES STEM



Hack Your Kitchen Discover a World of Food Fun with Science Buddies® Niki Abrens

Young scientists will learn all about many different scientific principles and properties using everyday tools and ingredients from their own kitchens! Make a lemon volcano, flour craters, edible paper, and more with these hands-on science projects.

Reading Level Grades 3-4 Interest Level Grades 2-5 Lexile 790 GRL 5 Pages 32 Trim 7¾ x 10 ©21 Lerner Publications™ Paperback \$8.99 9781728423852 Also Available ⊘eBook



The Problem with Plastic Know Your Facts, Take Action, Save the Oceans Buth Owen

An inspirational call to action for all young conservationists, this title is a beautiful, fact-packed handbook that gives kids the information they need and practical solutions they can put into action today!

 Reading Level Grade 3
 Interest Level Grades 2-7

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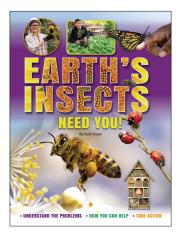
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Human 2.0 A Celebration of Human Bionics Patrick Kane illus, Samuel Rodriguez

From cochlear implants to bionic arms, technology has changed lives. This book celebrates all that has been achieved and looks to the future. *Human 2.0* features content reviewed by Mayo Clinic rehabilitation specialist Sherilyn Driscoll, MD.

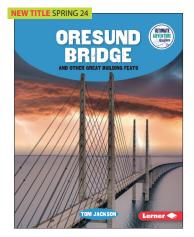
Reading Level Grade 4 Interest Level Grades 4-5 Lexile TBD GRL Y Pages 64 Trim 8½ x 11 ©25 Mayo Clinic Press Kids On Sale 8/1/2024 Hardcover \$25.99 (List \$34.65) 9798887702872 Also Available **©eBook**



Earth's Insects Need You! Understand the Problems, How You Can Help, Take Action Ruth Owen

Earth's insects are in trouble. That's one half of this book's simple but vital message. The book's other, more hopeful, "call to action" is that everyone can do something to help.

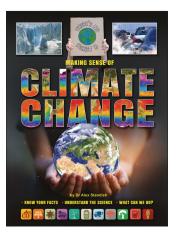
Reading Level Grade 3 Interest Level Grades 3-6 Lexile TBD GRL U Pages 32 Trim 8¼ x 11 ©24 Ruby Tuesday Books Hardcover \$22.99 (List \$30.65) 9781788562836 Paperback \$9.99 9781788562843 Also Available ② eBook



Oresund Bridge and Other Great Building Feats Tom Jackson

Can you imagine building the world's tallest skyscraper, or driving across an underwater bridge? Learn more in this engaging text with full-color photographs that bring all sorts of amazing building feats to you..

Reading Level Grade 3-4 Interest Level Grades 3-5 GRL S Pages 32 Trim 7 x 9 ©24 Lerner Publications™ Hardcover \$23.99 (List \$31.99) 9798765609194 Paperback \$10.99 9798765625064 Also Available ⊘eBook



Making Sense of Climate Change Know Your Facts, Understand the Science,

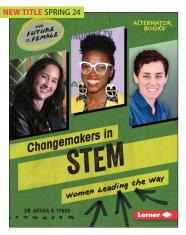
What Can We Do?

Alex Standish

Climate change is happening, and we need to tackle this issue. This evidence-based overview of climate change past and present helps readers make sense of the science and look at the possibilities for the future.

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Changemakers in STEM Women Leading the Way Dr. Artika R. Tyner

Dr. Artika R. Tyner

Discover the women who have shaped the fields of science, technology, engineering, and mathematics. Readers will uncover women of the past and present who have made scientific breakthroughs, developed innovative technology, and more!

Reading Level Grades 4-5 Interest Level Grades 3-6 GRLT Pages 32 Trim 7 x 9 ©24 Lerner Publications™ Hardcover \$22.99 (List \$30.65) 9798765608906 Paperback \$10.99 9798765625040 Also Available ⊘eBook

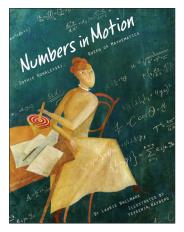


Girl Code Revolution Profiles and Projects to Inspire Coders Sheela Preuitt

This book is part how-to, part profile, and all about leading the girl code revolution! Discover step-by-step instructions for interesting projects and profiles of inspirational female coders and leaders who are breaking down barriers in STEM fields. Page Plus URLs inside the book take readers to fun coding projects online!

Reading Level Grades 4-5 Interest Level Grades 3-6 Lexile 910 GRL W Pages 32 Trim 7 x 9 ©21 Lerner Publications™

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Numbers in Motion

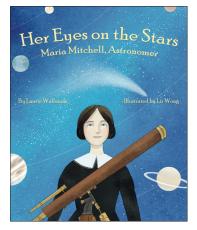
Sophie Kowalevski, Queen of Mathematics Laurie Wallmark illus. Yevgenia Nayberg Sophie Kowalevski was both a brilliant mathematician and a talented writer. A wonderful STEAM figure, she not only did mathematical research, but she also created many literary works and enjoyed many firsts, such as being the first woman to receive a doctorate in mathematics.

 Reading Level Grade 4 Interest Level Grades 3-6

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Her Eyes on the Stars Maria Mitchell, Astronomer Laurie Wallmark illus, Liz Wong

Maria Mitchell was not only the first American to discover a comet, in the mid 1800s. She went on to many other firsts, including being the first woman astronomy professor in the world, sharing her passion and knowledge

with other women at Vassar College. Reading Level Grade 3 Interest Level Grades 3-6 Pages 40 Trim 9 x 11 ©23 Creston Books Hardcover \$14.99 (List \$19.99) 9781954354135

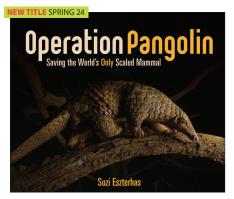


The Adventures of Dr. Sloth Rebecca Cliffe and Her Quest to Protect Sloths Suzi Eszterhas

Scientists know surprisingly little about sloths, but Becky Cliffe is working to change that. Visit the Costa Rican rain forest to see these adorable animals up close. Page Plus links in the book lead to videos of sloths in the wild.

Reading Level Grade 3 Interest Level Grades 3-6 Lexile 1040 GRL S Pages 40 Trim 10% x 8% ©22 Millbrook Press™

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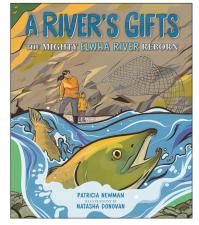


Operation Pangolin Saving the World's Only Scaled Mammal Suzi Eszterhas

Pangolins are one of the most poached animals in the world. Yet scientists know very little about them. Discover how pangolin rescuers and researchers such as Thai Nguyen are working to protect these mysterious creatures.

Reading Level Grade 3 Interest Level Grades 3-6 Lexile 1030 Pages 40 Trim 10% x 8‰ ©23 Millbrook Press™

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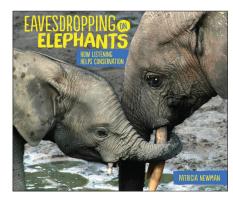


★A River's Gifts The Mighty Elwha River Reborn

Patricia Newman illus. Natasha Donovan

There's more to a river than meets the eye. The story of the Elwha River in Washington State is one of both environmental harm and restoration involving advocacy, persistence, cooperation, and hope.

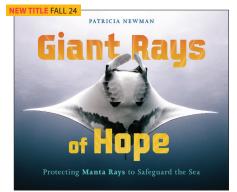
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Eavesdropping on Elephants How Listening Helps Conservation Patricia Newman

Can understanding how forest elephants communicate help scientists find ways to protect them? Come behind the scenes of Cornell University's Elephant Listening Project to see what's being done to keep these majestic animals safe, with QR codes linking to audio of the elephant sounds.

Reading Level Grade 5 Interest Level Grades 4-8 Lexile 1080 Pages 56 Trim 10% x 8% ©19 Millbrook Press™ Hardcover \$24.99 (List \$33.32) 9781541515710 Paperback \$12.99 9781728477794 Also Available ♥ eBook

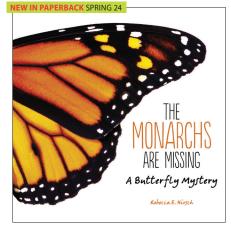


Giant Rays of Hope

Protecting Manta Rays to Safeguard the Sea Patricia Newman

Kerstin Forsberg made waves in Perú when she started a community-focused project to save manta rays. Find out more about manta rays and how local people are working to save these gentle giants.

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The Monarchs Are Missing A Butterfly Mystery

Rebecca E. Hirsch

Why are monarch butterflies disappearing? Scientists are racing to find answers. Go on a quest to discover what could be causing the decline in butterfly populations, and learn what monarch lovers can do to make a difference.

 Reading Level Grade 5 Interest Level Grades 3-6

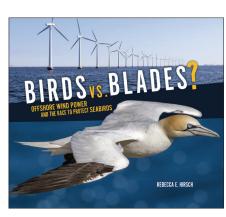
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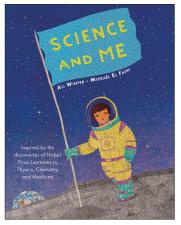


Birds vs. Blades? Offshore Wind Power and the Race to Protect Seabirds

Rebecca E. Hirsch

Find out how scientists are working to ensure that clean, renewable offshore wind power won't spell disaster for the millions of seabirds that play a critical role in the ocean food web.

Reading Level Grade 5 Interest Level Grades 4-6 Lexile 960 Pages 48 Trim 10% x 8% ©17 Millbrook Press™ Paperback \$10.99 9781728477534 Also Available **⊘eBook**



Science and Me Inspired by the Discoveries of Nobel Prize Laureates in Physics, Chemistry and Medicine

Ali Winter illus. Mickaël El Fathi

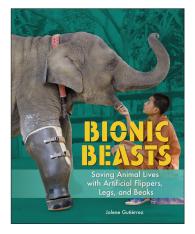
Discover some of the inspirational men and women who have received Nobel Prizes in Physics, Chemistry and Medicine from 1901 to the present day, among them Marie Curie, Hermann Joseph Muller, and Donna Strickland.

 Reading Level Grade 5
 Interest Level Grades 4-6

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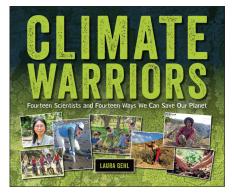
Bionic Beasts Saving Animal Lives with Artificial Flippers, Legs, and Beaks

Jolene Gutiérrez

What happens to a goose with no beak or a turtle with one flipper? Using innovative designs and technology such as 3-D printing, humans are helping animals in need. Discover amazing true stories of animals thriving with prosthetic body parts.

Reading Level Grade 5 Interest Level Grades 4-8 Lexile 1150 GRL X Pages 48 Trim 8 x 10 ©21 Millbrook Press™

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Climate Warriors Fourteen Scientists and Fourteen Ways We Can Save Our Planet

Laura Gehl

Meet fourteen different scientists who are working to solve the climate crisis and the surprising ways they are doing it. This book informs young readers and gives them the tools they need to make a difference.

Reading Level Grade 5 Interest Level Grades 4-8 GRLV Pages 72 Trim 10% x 8% ©23 Millbrook Press™

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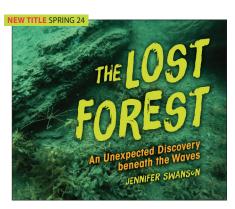
★Defending Nature

How the US Military Protects Threatened and Endangered Species

Sneed B. Collard III

On Eglin Air Force Base, scientists and soldiers work together to protect endangered redcockaded woodpeckers, gopher tortoises, and reticulated flatwoods salamanders. Discover the challenges endangered species face and how the military works to protect them.

Reading Level Grade 5 Interest Level Grades 4-8 GRLY Pages 56 Trim 10% x 8% ©25 Millbrook Press™ ★Kirkus On Sale 9/10/2024 Hardcover \$25.99 (List \$34.65) 9781728493749 Also Available ⊘ eBook

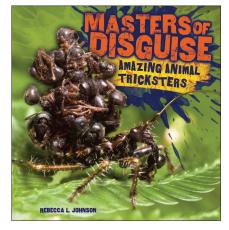


The Lost Forest

An Unexpected Discovery beneath the Waves Jennifer Swanson

Take a deep dive with scientists exploring a sunken cypress forest that had been undisturbed in the Gulf of Mexico for fifty thousand years. Page Plus links lead to videos of the scientists at work.

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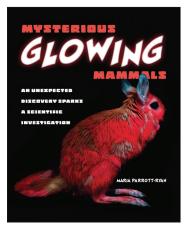


★ Masters of Disguise Amazing Animal Tricksters

Rebecca L. Johnson

In the animal kingdom, survival is the name of the game—and not everything is as it seems. Learn more about the animals that use tricks beyond your wildest imagination to stay safe—and stay alive!

Reading Level Grade 5 Interest Level Grades 4-8 Lexile 1010 Pages 48 Trim 8¾ x 9 ©16 Millbrook Press™ ★Kirkus Paperback \$9.99 9781728467092 Also Available ⊘eBook ⊘ Audio ⊘eBook w/Audio

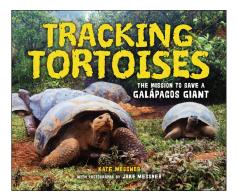


★ Mysterious Glowing Mammals An Unexpected Discovery

Sparks a Scientific Investigation Maria Parrott-Ryan

One night a scientist discovered something surprising in his backyard: a flying squirrel that glowed bright pink! Follow this exciting investigation into mammals that glow when exposed to ultraviolet light, and see it in action by scanning a QR code.

Reading Level Grade 5 Interest Level Grades 4-8 GRL X Pages 56 Trim 8 x 10 ©24 Millbrook Press[™] ★School Library Journal Hardcover \$24.99 (List \$33.32) 9781728460413 Also Available ② eBook



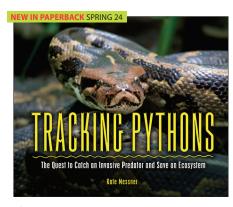
★Tracking Tortoises

The Mission to Save a Galápagos Giant Kate Messner

Take a journey to the Galápagos Islands to see Galápagos giant tortoises up close and discover how cutting-edge technology is helping scientists study and protect these gentle giants. Page Plus links in the book lead to videos of scientists in the field.

SPANISH-LANGUAGE TITLE PG 52

Reading Level Grade 5 Interest Level Grades 4-8 Lexile 1110 GRL X Pages 64 Trim 10% x 8% ©22 Millbrook Press[™] ★Kirkus Hardcover \$25.99 (List \$34.65) 9781541596115 Also Available ♥ eBook



*****Tracking Pythons

The Quest to Catch an Invasive Predator and Save an Ecosystem

Kate Messner

Pet Burmese pythons released into the wild have bred and multiplied into tens of thousands in southern Florida, devouring native species. Learn how scientists hope to stop the pythons. Page Plus links in the book lead to videos of scientists' efforts.

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 Interest Level Grades 4-8

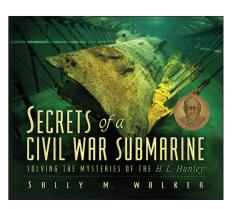
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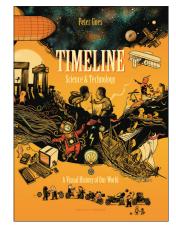


★ Secrets of a Civil War Submarine Solving the Mysteries of the H. L. Hunley

Sally M. Walker

In 1864 the *H. L. Hunley* made history as the first submarine to sink a ship in battle. In this Sibert Medal-winning book, Sally M. Walker presents a fascinating look at the submarine, its voyages, and the processes of recovering and conserving the ship.

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Timeline Science and Technology A Visual History of Our World

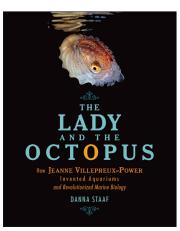
Peter Goes

A visual introduction to our planet and society told through the history of our greatest inventions and the technology that has changed the world. A follow-up to the internationally bestselling *Timeline*.

 Reading Level Grade 6
 Interest Level Grades 5-12

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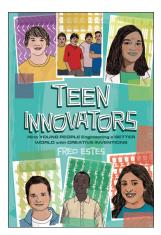


★ The Lady and the Octopus

How Jeanne Villepreux-Power Invented Aquariums and Revolutionized Marine Biology Danna Staaf

Follow the remarkable journey of Jeanne Villepreux-Power from her childhood in a small French village to her life as a naturalist in nineteenth-century Messina, Sicily, where she conducted groundbreaking research and invented aquariums.

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Teen Innovators Nine Young People Engineering a Better World with Creative Inventions Fred Estes

Celebrate the determination and ingenuity of young inventors. Through profiles that explore the challenges, motivations, and lives of these teen visionaries, readers will see how the science they study today in school relates to these important discoveries.

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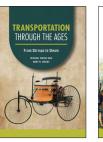
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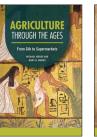
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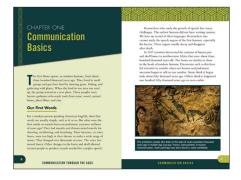


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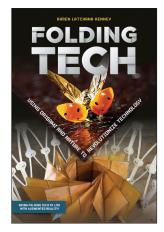
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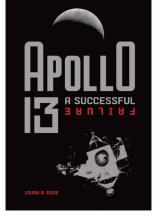


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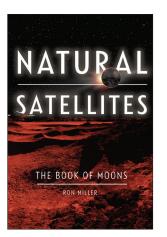
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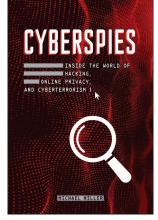


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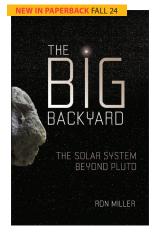


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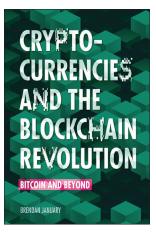
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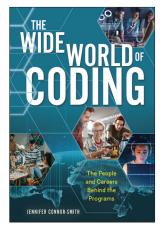


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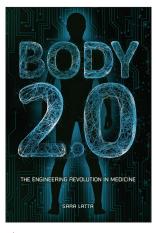


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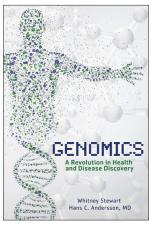
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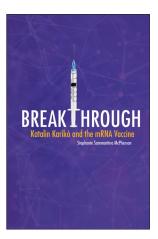
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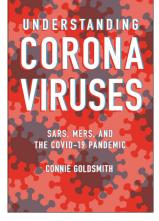
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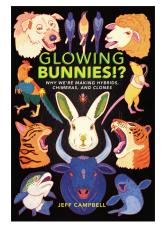
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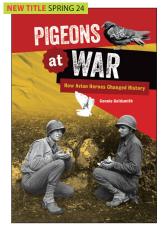
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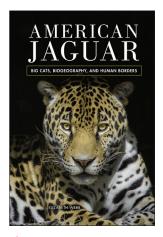
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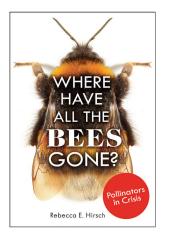
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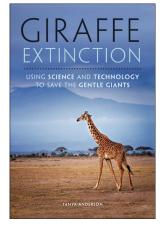


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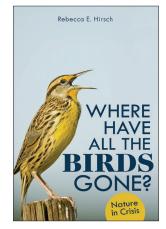


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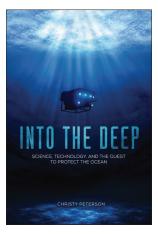
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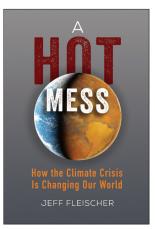
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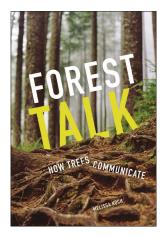
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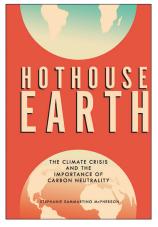
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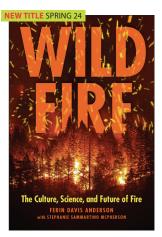
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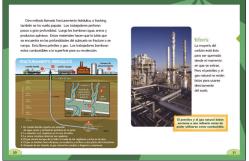
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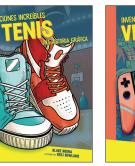


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