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ISSUE DATES | 8/26 | 9/23 | 10/21 | 11/18 | 12/16 | 1/20 | 2/17 | 3/17 | 4/14 | 5/12

New videos to start the school year!


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Welcome back to a new school year! We're confident you're going to love our story packages, which include articles, activities, and must-play videos that boost student engagement and support your curriculum. Teachers often email me to let me know how our videos captivate their students and get them excited to read our articles. In addition to the new videos we create for each issue, we have HUNDREDS more in our video library. They're a terrific learning tool you can use all year long. Just go to scienceworld.scholastic.com. Enter your access code **CJV96ZJ9** and dive right in!



Warmly,

Patricia Janes

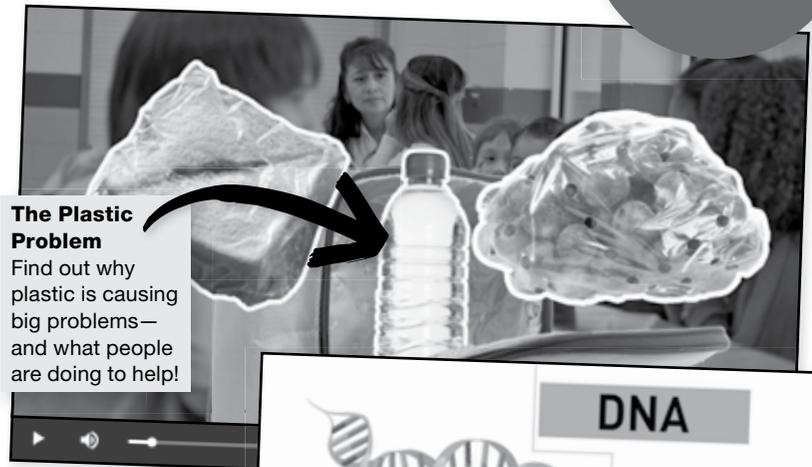
Patricia Janes, Editor
scienceworld@scholastic.com

Check out Science World Digital for videos, games, and activities!

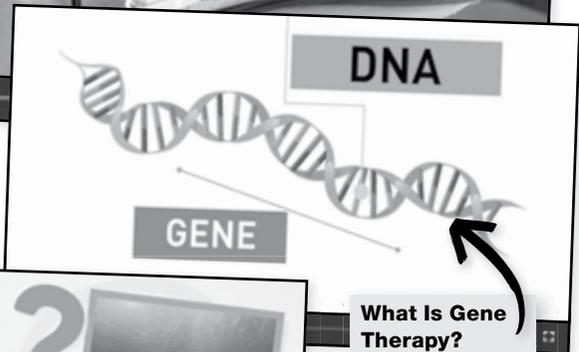
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The Plastic Problem
Find out why plastic is causing big problems—and what people are doing to help!



What Is Gene Therapy?
Discover how this groundbreaking treatment works!



Get Talking!
Spark a fun debate with the paired video and article.



Understanding Teqball
See how this sport—a wild mash-up of soccer and Ping-Pong—is played!

SDI PRODUCTIONS/GETTY IMAGES (CARTEPERA); CREATIVE PROPERTIES/IMAGES (WATER BOTTLE); JULIE TOY/GETTY IMAGES (SANDWICH); CHATTRANUSORN/SHUTTERSTOCK.COM (GRAPES); FDA (DIP); FITEQ (TEQBALL); MARK NEWMAN/GETTY IMAGES (ROCKET); SULIMAN PAZVANSI/SHUTTERSTOCK.COM (SUBMARINE)

Issue at a Glance

Assessments are available
as Google Quizzes!

Feature Article	Objectives	Standards*	Online Skills Sheets	More Online Resources
<p>Are You Drinking Plastic? p. 8</p> 	<p>Gather and communicate information about the harmful effects of nanoplastics and evaluate possible solutions to this problem.</p>	<p>NEXT GENERATION SCIENCE STANDARDS PRACTICE: Obtaining and Communicating Information CROSSCUTTING CONCEPT: Scale, Proportion, and Quantity CORE IDEAS: PS1.A: Structure and Properties of Matter; ESS3.C: Human Impacts; LS1.A: Structure and Function; ETS2.B: Influence of STEM</p> <hr/> <p>CCSS ELA: Reading Informational Text: 2</p>	<p>1 Check for Understanding: Are You Drinking Plastic? 2 Analyze a Stacked Bar Graph: Plastic Trash 3 Carry Out an Investigation: Track Your Plastic Use</p>	<p>With Every Article</p> <p>Lower-Lexile® Article Online</p> <p>Text-to-Speech</p> <p>Check for Understanding</p> <p>Lesson Plan</p> <p>Learning Journey Slide Deck</p>
<p>Would You Rather . . . Visit Space or the Deep Ocean? p. 12</p> 	<p>Gather and evaluate information about conditions in space and in the deep ocean to support an argument.</p>	<p>NEXT GENERATION SCIENCE STANDARDS PRACTICE: Engaging in Argument From Evidence CROSSCUTTING CONCEPT: Systems and System Models CORE IDEAS: ESS1.B: Earth and the Solar System; PS2.B: Types of Interactions; ESS2.B: Plate Tectonics; ESS2.C: The Roles of Water</p> <hr/> <p>CCSS ELA: Writing: 1</p>	<p>1 Support an Argument: You Decide! 2 Evaluate Information: Space Travel Dangers 3 Analyze a Diagram: Ocean Zones</p>	<p>Text-to-Speech</p> <p>Check for Understanding</p> <p>Lesson Plan</p> <p>Learning Journey Slide Deck</p>
<p>The Gift of Sound p. 14</p> 	<p>Use diagrams to explain how gene therapy successfully treated a type of deafness.</p>	<p>NEXT GENERATION SCIENCE STANDARDS PRACTICE: Constructing Explanations and Designing Solutions CROSSCUTTING CONCEPT: Systems and System Models CORE IDEAS: LS1.A: Structure and Function; LS3.A: Inheritance of Traits; LS3.B: Variation of Traits</p> <hr/> <p>CCSS ELA: Reading Informational Text: 7</p>	<p>1 Check for Understanding: The Gift of Sound 2 Interpret Diagrams: Hearing Aid 3 Communicate and Evaluate Information: 3-2-1 Reflection</p>	<p>Text-to-Speech</p> <p>Check for Understanding</p> <p>Lesson Plan</p> <p>Learning Journey Slide Deck</p>
<p>Sports Mash-up p. 20</p> 	<p>Explain how forces and motion can affect the game of Teqball.</p>	<p>NEXT GENERATION SCIENCE STANDARDS PRACTICE: Constructing Explanations and Designing Solutions CROSSCUTTING CONCEPT: Cause and Effect CORE IDEAS: PS2.A: Forces and Motion; PS2.B: Types of Interactions; PS3.A: Energy; PS3.C: Energy and Forces; ETS1.C: Optimizing the Design Solution</p> <hr/> <p>CCSS ELA: Literacy in Science: 4</p>	<p>1 Check for Understanding: Sports Mash-up 2 Analyze a Diagram: Physics at Play 3 Design a Solution: Invent a Sport</p>	<p>Text-to-Speech</p> <p>Check for Understanding</p> <p>Lesson Plan</p> <p>Learning Journey Slide Deck</p>

*TEKS Science standards can be found in the lesson plans online.



More Online Materials!



Science News Dive into the latest news.

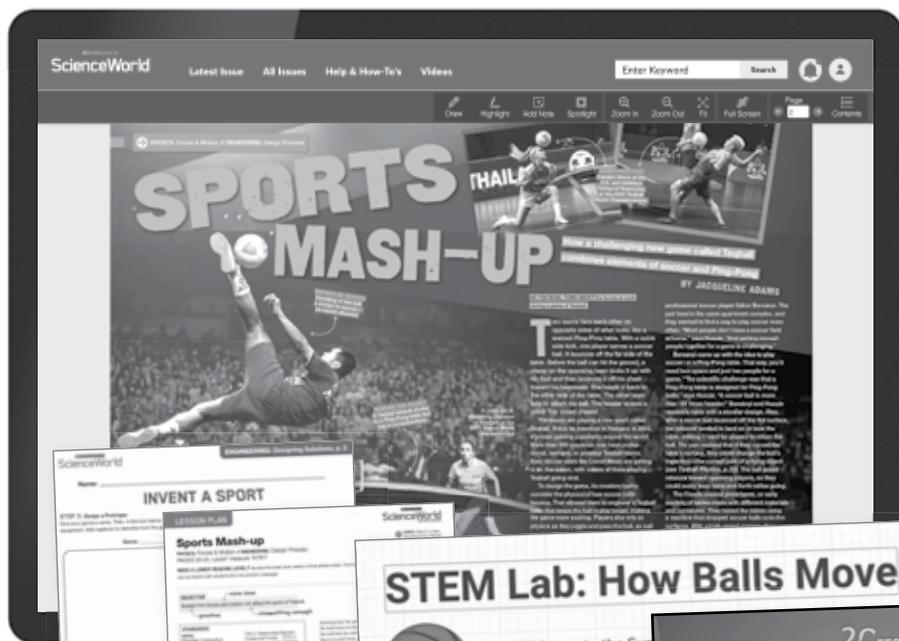


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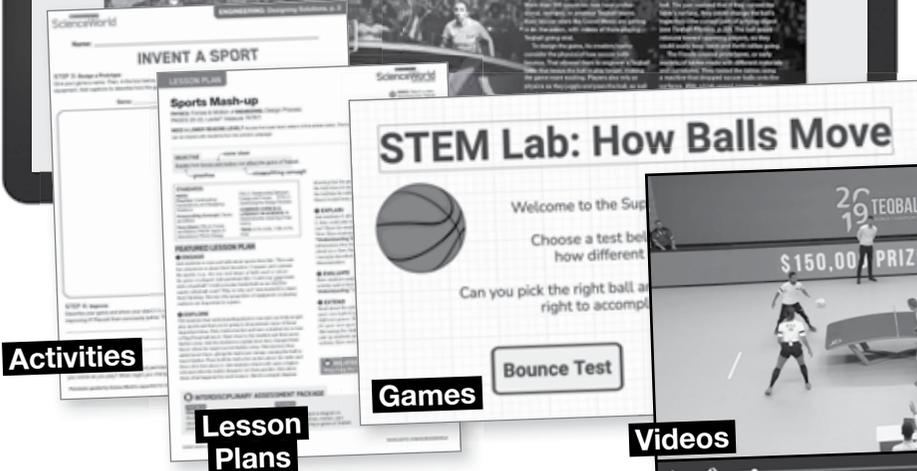
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Here's a SNEAK PEEK at what's in your next issue:*

Domain	Article	NGSS Core Ideas
STEM & Society	Trailblazing Hispanic Scientists	ETS2.B: Influence of STEM on Society and the Natural World; ETS2.A: Interdependence of STEM
Life Science	Puzzle-solving Bumblebees	LS2.D: Social Interactions and Group Behavior; LS1.D: Information Processing
Earth Science	Monster Hurricanes	ESS3.B: Natural Hazards; ESS3.D: Global Climate Change; ESS2.C: The Role of Water in Earth's Processes
Engineering	The Rise of AI	ETS2.B: Influence of STEM on Society and the Natural World; PS4.C: Information Technologies

*The editors may change content as needed.

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