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DIGITAL RESOURCE GUIDE

AUGUST 26, 2024

VOL. 81, NO. 1

ISSN 1041-1410

A SUPPLEMENT TO SCIENCE WORLD

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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

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The Plastic Problem

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



Get Talking!

Spark a fun
debate with the
paired video
and article.

Would You Rather...
Visit Space or the Deep Sea?



What Is Gene Therapy?

Discover how
this ground-
breaking
treatment works!



Understanding Teqball
















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



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Issue at a Glance

Assessments are available
as Google Quizzes!

Feature Article	Objectives	Standards*	Online Skills Sheets	More Online Resources
Are You Drinking Plastic? p. 8 	Gather and communicate information about the harmful effects of nanoplastics and evaluate possible solutions to this problem.	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 ----- CCSS ELA: Reading Informational Text: 2	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	 Video: Discover the effects of plastic pollution and learn about solutions.  Lower-Lexile® Article Online  Text-to-Speech  Check for Understanding  Lesson Plan  Learning Journey Slide Deck
Would You Rather . . . Visit Space or the Deep Ocean? p. 12 	Gather and evaluate information about conditions in space and in the deep ocean to support an argument.	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 ----- CCSS ELA: Writing: 1	1 Support an Argument: You Decide! 2 Evaluate Information: Space Travel Dangers 3 Analyze a Diagram: Ocean Zones	 Video: Make a choice between two extreme destinations.  Poll: Which location would you rather visit: space or the deep ocean?
The Gift of Sound p. 14 	Use diagrams to explain how gene therapy successfully treated a type of deafness.	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 ----- CCSS ELA: Reading Informational Text: 7	1 Check for Understanding: The Gift of Sound 2 Interpret Diagrams: Hearing Aid 3 Communicate and Evaluate Information: 3-2-1 Reflection	 Video: Discover how gene therapy can change a person's DNA.
Sports Mash-up p. 20 	Explain how forces and motion can affect the game of Teqball.	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 ----- CCSS ELA: Literacy in Science: 4	1 Check for Understanding: Sports Mash-up 2 Analyze a Diagram: Physics at Play 3 Design a Solution: Invent a Sport	 Video: See how Teqball is played.  Game: Play with forces and motion.

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

More Online Materials!



Science News Dive into the latest news.

News Alert
Communicating Information: Use a graphic organizer to analyze several short news articles.

PDF Google



Park Ranger

STEM Jobs Spotlight
Key Details: Use a graphic organizer to analyze a "Cool STEM Jobs" article.

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Cool STEM Jobs
Explore and experience a STEM career.

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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

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*The editors may change content as needed.

