



SCHOLASTIC

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DIGITAL  
RESOURCE  
GUIDE

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## Welcome Back!

Kick off your school year with captivating *Science World* stories! Here are some highlights:

- **Would You Rather . . . ?:** You can't beat this engaging article—it's a fun way to practice evidence-based arguments! Check out the online lesson plan for tips to help boost students' argumentation skills! →
- **Did Kids Save Astronauts' Lives?:** Set the tone for a year of scientific investigations with the story of students who sent an experiment into space!
- **Jumping for Joy!:** Dive into the physics of fun with a video and story about double Dutch! This article is a great way to connect physics to sports and games.

Be sure to check out [scholastic.com/scienceworld](https://www.scholastic.com/scienceworld)! You'll find videos, activities, and step-by-step lesson plans. Turn to page 4 of this guide for more information about our online teaching tools.

We hope *Science World* helps you start the school year strong!

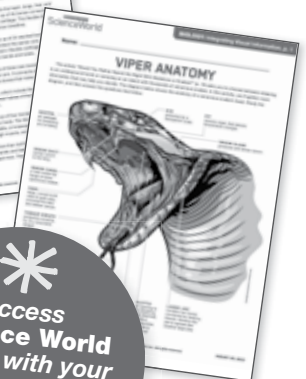
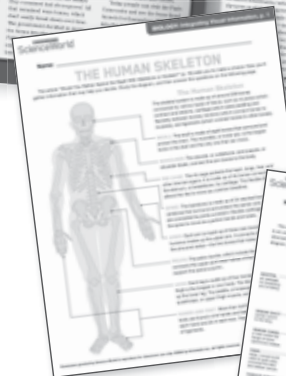
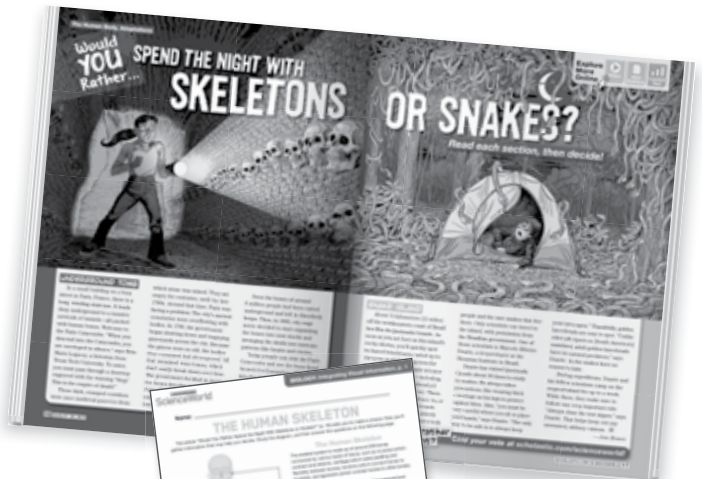


Warmly,

*Patricia Janes*

Patricia Janes, Editor

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# Issue at a Glance

Most skills sheets are customizable!

Feature Article	Objectives	Standards*	Online Skills Sheets	More Online Resources
<p><b>Did Kids Save Astronauts' Lives?</b> p. 8</p> 	<p>Plan a Cubes in Space investigation that could test possible effects that factors like radiation may have on objects in space.</p>	<p><b>NEXT GENERATION SCIENCE STANDARDS</b>  <b>PRACTICE:</b> Planning and Carrying Out Investigations  <b>CROSSCUTTING CONCEPT:</b> Cause and Effect  <b>CORE IDEAS:</b> PS3.A: Definitions of Energy; PS1.B: Chemical Reactions; ESS1.A: The Universe and Its Stars</p> <hr/> <p><b>CCSS ELA:</b> Reading Informational Text: 1</p>	<ol style="list-style-type: none"> <li><b>Check for Understanding:</b> Did Kids Save Astronauts' Lives?</li> <li><b>Ask Questions:</b> Ask a Scientific Question</li> <li><b>Plan an Experiment:</b> Investigate It!</li> </ol>	<p> <b>Video:</b> Learn how you could take part in NASA's Cubes in Space program.</p>
<p><b>Modern-day Mammoths?</b> p. 10</p> 	<p>Gather information to argue whether scientists should create mammoth hybrids and reintroduce them to tundra ecosystems.</p>	<p><b>NEXT GENERATION SCIENCE STANDARDS</b>  <b>PRACTICE:</b> Obtaining, Evaluating, and Communicating Information  <b>CROSSCUTTING CONCEPT:</b> System Models  <b>CORE IDEAS:</b> LS3.A: Inheritance of Traits; LS2.A: Interdependent Relationships; LS2.C: Ecosystem Dynamics; ETS2.B: STEM and Society</p> <hr/> <p><b>CCSS ELA:</b> Reading Informational Text: 8</p>	<ol style="list-style-type: none"> <li><b>Check for Understanding:</b> Modern-day Mammoths?</li> <li><b>Interpret a Diagram:</b> Brought to Life</li> <li><b>Analyze Patterns:</b> Where Mammoths Roamed</li> </ol>	<p> <b>Video:</b> Discover what Earth looked like during the last ice age.</p>
<p><b>Would You Rather . . . Spend the Night With Skeletons or Snakes?</b> p. 16</p> 	<p>Gather and evaluate information about the characteristics of snakes and skeletons to support an argument.</p>	<p><b>NEXT GENERATION SCIENCE STANDARDS</b>  <b>PRACTICE:</b> Engaging in Argument From Evidence  <b>CROSSCUTTING CONCEPT:</b> Structure and Function  <b>CORE IDEAS:</b> LS1.A: Structure and Function; LS1.D: Information Processing</p> <hr/> <p><b>CCSS ELA:</b> Writing: 1</p>	<ol style="list-style-type: none"> <li><b>Construct an Argument:</b> You Decide!</li> <li><b>Interpret a Diagram:</b> Viper Anatomy</li> <li><b>Analyze Visual Information:</b> The Human Skeleton</li> </ol>	<p> <b>Video:</b> Make a choice between two scary situations.</p>
<p><b>Jumping for Joy!</b> p. 18</p> 	<p>Use a model to explain the forces that affect how double Dutch is played.</p>	<p><b>NEXT GENERATION SCIENCE STANDARDS</b>  <b>PRACTICE:</b> Developing and Using Models  <b>CROSSCUTTING CONCEPT:</b> Cause and Effect  <b>CORE IDEAS:</b> PS2.A: Forces and Motion; PS2.B: Types of Interactions</p> <hr/> <p><b>CCSS ELA:</b> Literacy in Science: 4</p>	<ol style="list-style-type: none"> <li><b>Check for Understanding:</b> Jumping for Joy!</li> <li><b>Communicate Information:</b> What I Watched</li> <li><b>Interpret a Diagram:</b> Sport Science</li> </ol>	<p> <b>Video:</b> Meet four groundbreaking Black women who rose to fame skipping rope.</p>

With Every Article



Lower-Lexile® Article Online



Text-to-Speech



Check for Understanding



Lesson Plan



Learning Journey Slide Deck



More Online Materials!



Science News Dive into the latest news.



Cool STEM Jobs Explore and experience a STEM career.



Use your online access code

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

# Kick Off a Fantastic Year With Science World Digital!

Use your online access code

1

## Engage students with our captivating, informative videos

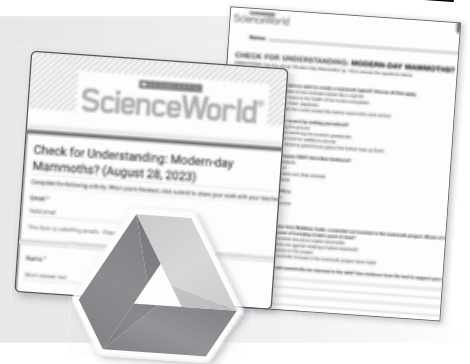
Our video library contains hundreds of videos featuring core science and engineering topics.



2

## Access your ready-to-go teaching resources

Each article comes with a standards-aligned lesson plan and three skill-building activities. Plus, all quizzes are available as PDFs or as Google Quizzes — which makes grading a breeze!



3

## Connect Science World to your LMS

Learn how at [www.scholastic.com/lms](http://www.scholastic.com/lms). Then you can easily share articles, videos, and activities directly with students!



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

Domain	Article	NGSS Core Ideas
Life Science	Treating Sickle Cell Disease	LS3.A: Inheritance of Traits; LS3.B: Variation of Traits; LS1.A: Structure and Function
Earth and Space Science	Real-Life Minecraft Rocks?	ESS3.A: Natural Resources
Physical Science	Name That Element!	PS1.A: Structure and Properties of Matter
STEM & Society	Common Myths, Busted	ETS2.B: STEM and Society

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\*The editors may change content as needed.

