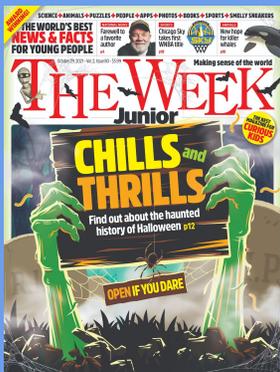


This Week at a Glance

Page	Title	Summary and Discussion Points	Content Area
2	World faces product shortages, delays	Disruptions in the global supply chain are creating delays for people to receive products they ordered. What is creating these delays? How are Americans being affected?	Social Studies
3	Woman's scientific legacy honored	Henrietta Lacks was recognized by the World Health Organization for her "world-changing contribution to medical science." Samples of her cells were taken without her permission but helped scientists create vaccines and treatments we use today. What made Henrietta's cells so special? Why were they taken without her permission?	ELA
7	Poop reveals surprising diet	Salt mine workers in Austria enjoyed blue cheese, according to their 2,700-year-old poop. Why is it surprising they ate cheese?	Social Studies
10	Pregnant orcas spotted in the wild	Three orcas in the Pacific Northwest are pregnant. There are only 73 of these mammals living freely in the wild today. Why are researchers excited about these potential new calves? What are some reasons that contribute to their low population?	Science
20	New series in classic sci-fi world	A new <i>Star Trek</i> series called <i>Star Trek: Prodigy</i> premieres this month. The show follows young aliens who discover a Starfleet ship and use it to find a better future. Who worked on this series to ensure details were scientifically accurate? How do you picture the future?	ELA



Design a Cotton T-Shirt For a Chance to Be Featured in *The Week Junior*!



**BLUE JEANS
GO GREEN™**
DENIM RECYCLING

The Week Junior has teamed up with Cotton's Blue Jeans Go Green™ denim recycling program to spread the word about the importance of saving old denim from ending up in landfills. Encourage your students to design a T-shirt that represents their ideas on what doing good in denim means or how old denim could be reused or recycled to help the planet. **Winning designs will be printed on limited-edition cotton T-shirts and featured in a 2022 issue of *The Week Junior*!** Visit theweekjunior.com/cotton or the inside back cover of our 10/29 issue for the design template and contest details.

	DEBATE	CREATE
ARTICLE	"Are road tests necessary for teen drivers?" (page 8)	"A fun night of ghouls and goodies" (pages 12-13)
VOCABULARY	waiver, probationary, supervised, requirement	Celts, Samhain, gourd, haunted
ACTIVITY	<p>Some states are allowing teens to skip taking a road test and going straight to a probationary driver's license. Some agree with these changes and others say this puts teens and other drivers at risk. Display the following claim on a piece of paper or board: "Road tests are necessary for teen drivers to get their licenses."</p> <p>Invite students to use the article to identify 3-4 pieces of evidence that supports or refutes this claim. Assign partners and ask students to explain their evidence to their partners. Finally, poll the class to see if there was stronger evidence supporting or refuting that road tests are necessary for teen drivers.</p>	<p>Put a twist on haunted effects with a Halloween chemistry activity. Give each student an orange balloon, and ask them to draw a face or design with a permanent marker. Then, help students measure and add a tablespoon of baking soda into their balloons. Tell students to collect an empty plastic bottle and add 1 cup of vinegar. Finally, ask students to slip the balloon over the mouth of the bottle until it's secure.</p> <p>When everyone is ready, direct students to empty the baking soda in their balloons into the bottles. The reaction will start inflating the balloon to reveal their spooky creation!</p>
EXTEND	Play the Heads-Up Distracted Driving Challenge.	Investigate other experiments using baking soda and vinegar.

	ACT	CONNECT
ARTICLE	"Children's author Gary Paulsen is remembered" (page 4)	"The world's whitest paint helps cool surfaces" (page 15)
VOCABULARY	Newbery Medal, wilderness, published, survival	absorbed, reflected, particles, chemical
ACTIVITY	<p>Gary Paulsen entertained thousands of readers with his adventure stories about surviving the wilderness. His style of writing encourages children to take care of themselves by problem solving. Invite students to write a short adventure story whose main character must solve a problem. Tell students that when writing an adventure story, the setting is almost as important as the character. The setting can add danger, build excitement, or add tension. Ask students to share ideas for compelling plots. Encourage ideas like exciting weather, a place someone is trapped, or a vehicle like a submarine or airplane. Distribute the story map graphic organizer for students to brainstorm their adventure stories.</p>	<p>Scientists at Purdue University developed an ultra-white paint that has the potential to cool its surroundings and reduce the need for air-conditioning. Invite students to do a simple experiment to see how the color of surfaces responds to light and the amount of heat absorbed. Ask students to cut 5-inch squares from several different colors of construction paper (including white and black). Then, tell students to place flat thermometers in a sunny location. Lay a square of a different color on top of each thermometer. Direct students to check the temperature every 5 minutes and record the time and temperature in a data table. After 40 minutes, guide students to graph their results and discuss the following questions as a class, "Did all the colors heat up at the same rate?" "Did all of the colors reach the same temperature?"</p>
EXTEND	Watch a discussion with Gary Paulsen about his memoir "Gone to the Woods".	Look at a paint color that absorbs over 99.2% of visible light.

* Note: On your computer or mobile device, click or tap blue links to access linked content. Visit theweekjunior.com/teachers to see all our lesson guides.