

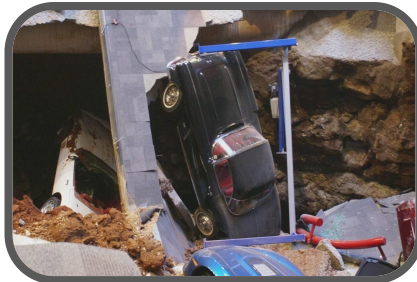
# The Daily STEM

Volume 4 Issue 8

January 16, 2022

## STEM in the News

Have you ever visited a museum? They are great places to learn about stories and objects from the past. The Corvette Museum in Bowling Green, Kentucky, US, displays over 80 Corvette cars and has exhibits showing how the famous cars work. But one exhibit at the museum tells an interesting new story. In 2014, a cave deep below the museum collapsed, causing a sinkhole to form. Eight cars fell into the hole and were damaged. Some of the cars were restored, but others were removed and put on display, still covered in dirt and rock. After fixing the hole, they decided to help visitors learn about geology while they learn about cars. There is information about the caves below, and even a window that looks down through the floor to the cave below!



Learn more about the Sinkhole: [bit.ly/3IbrrAp](https://bit.ly/3IbrrAp)

Learn more about the Museum: [corvettemuseum.org](https://corvettemuseum.org)

## The Puzzle

Can you guess the phrases in these pictures?

**STANDS ME**  
**023456789**

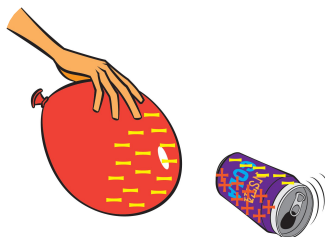
**PAwalkRK**

**Secret**  
**Secret**  
**Secret**

Decode the answers using  $s=n$ ,  $t=o$ ,  $u=p$   
 $st\ tsj\ zsjwxyfsix\ rj$ ,  
 $bfqp\ ns\ ymj\ ufwp$ ,  $ytu\ xjhwjy$

## STEM Challenge

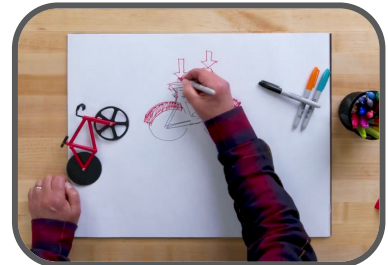
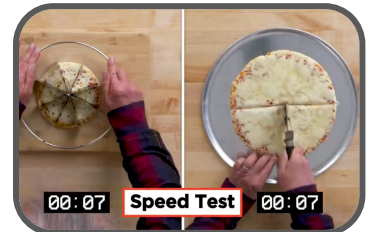
Have you ever walked across a floor, touched a doorknob, and felt a shock? That's because of static electricity or electrostatic charge. Here's a simple experiment: blow up a balloon, rub it on your hair, put an aluminum can on the floor, then hold the balloon next to the can. What happened?



Can you guess why it happened? Learn more about this and 3 other easy electricity challenges here: [bit.ly/3nsNgDC](https://bit.ly/3nsNgDC)

## STEM Career: Kitchen Engineer

Have you ever wondered if those kitchen gadgets you see on TV or at the store really work? Dan Formosa is a Design and Usability Expert who knows how to test kitchen tools to see how well they work. He recently tested five different pizza cutters to determine how effectively they cut pizza. After testing, he shares ideas of how to redesign the gadgets to make them work better. How would you make the ultimate pizza cutter? Do you think a career improving products would be interesting? Watch him work: [bit.ly/3tyXK8m](https://bit.ly/3tyXK8m)



## The Quote

"Get an education, because you can't take advantage of opportunity if you're not at least initially prepared."

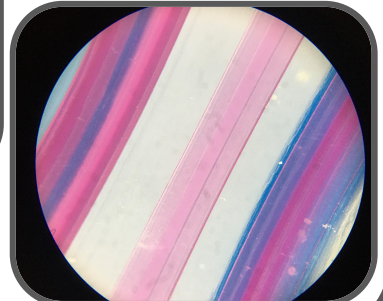
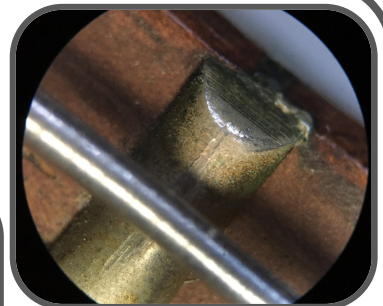
-Brigadier Gen. Charles McGee

One of the original [Tuskegee Airmen](https://ttsa.org)



## Mystery Photos

Can you identify the mystery items under the microscope?



Decode the answers

using  $s=n$ ,  $t=o$ ,  $u=p$ ...

$lznyfw\ kwjy$ ,  $enuujw\ gfl$ ,  
 $3izc\ hfwigtwi\ hqnu$