

The Daily STEM

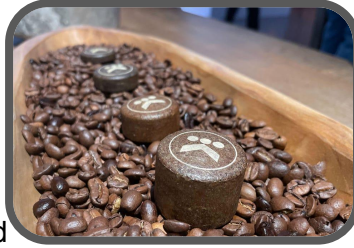
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STEM in the News

Do you like coffee? Over a billion people worldwide drink an average of 2 cups of coffee every day. If you've ever seen someone make a cup of coffee with a Keurig, you might have thought "that's a lot of plastic waste."

Now the Keurig company has developed a new way to brew without the plastic. They created a way to press the coffee into a disc shape. A thin cellulose wrapper made from seaweed holds the coffee grounds together until it's time to add water and make the coffee. The waste is now able to be easily composted too! Sound like a good solution? Learn more: bit.ly/3WNN3Cq and cnet.co/3wuc6Li



STEM Career: Performance Engineer

Did you ever watch a car race on TV or in person? Did you ever wonder how to make your bike work better? A **Performance Engineer** is someone who designs and redesigns vehicles to improve their performance. They work at a racetrack to monitor tire pressure and speeds to make sure the car is working at top condition. Before a race, they'll test aerodynamics or safety features to get the car to move quicker and protect the driver in all conditions. To become one, you need to study mechanical engineering, but you also need to spend lots of time working on all types of transportation devices figuring out how things work. If you think making cars faster and safer sounds like an interesting career, learn more: bit.ly/3WNMDHh

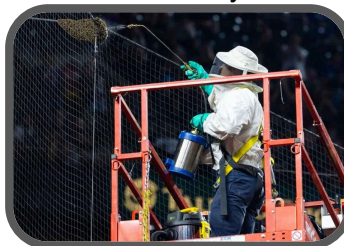


or watch bit.ly/4bo6C3F and bit.ly/3V7FgJE

More STEM in the News

Did you ever see a sporting event delayed by rain? Recently a baseball game in Arizona wasn't able to start because of a swarm of bees! When a bee colony gets too large, some will leave and start a new colony. On this particular night they decided to try building a new home on the netting at a baseball stadium. Everyone was concerned about the safety of players and fans, and pest control expert Matt Hilton left his son's t-ball game to save the day. He stunned the bees with a spray, then vacuumed them up to take them to a safer place. He got a huge ovation from the crowd, and the home team eventually won the game! Read more: es.pn/3V1nRlD or watch an interview with Mr Hilton bit.ly/3wE9hr0

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The Puzzle

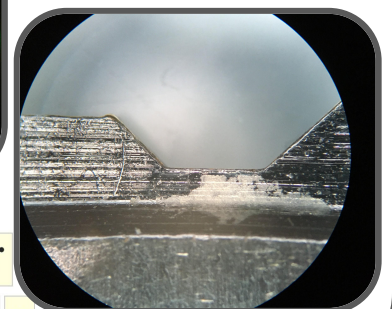
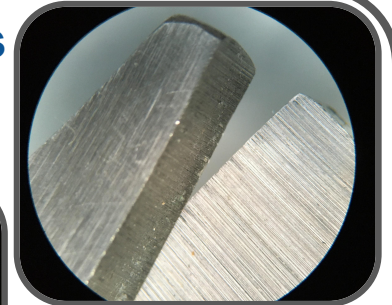
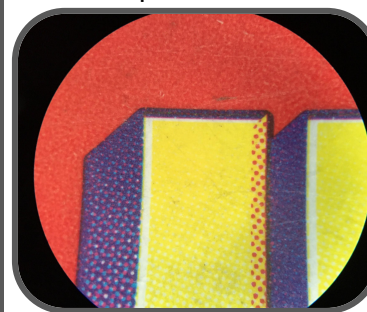
Suppose you want to build a home that has all 4 sides facing south. How could you make that work?

Decode the answers using Braille:

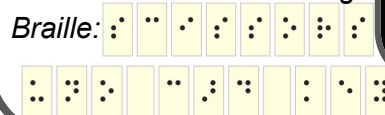


Mystery Photos

Can you identify the mystery items under the microscope?



Decode the answers using Braille:



STEM Challenge

Did you ever make oobleck? Just add a couple scoops of cornstarch to a bowl, then add water until it is able to be stirred. It's a non-newtonian fluid, meaning it acts like both a liquid (it flows) and a solid (you can make it into a ball). Next step: add some food coloring, or try adjusting its temperature to see if it acts differently.

