

The Daily STEM

Volume 7 Issue 2

September 29, 2024

STEM in the News

Would you eat lunch made by a robot? If you're a student at Florida International University, you can! The university just installed a food making machine and named it Beastro.

It's made by the company Kitchen Robotics, a business hoping to reduce time spent in cooking tasks. The robot is self-cleaning, fully customizable, and even uses AI to help improve meal choices. The machine doesn't look like a robot from the movies. It is a just a big machine that automates tasks like chopping, mixing, cooking, and serving. There's even a kiosk where students can create their order from a list of ingredients. Do you think this type of machine is the future of cooking, or just a gimmick? Learn more about the Beastro at college: bit.ly/3N3t1ZC or learn more about Kitchen Robotics & see a video: k-robo.com/beastro



STEM Career: Air Traffic Controller

Did you ever take a ride in an airplane? If so, you should be thankful for an important group of workers. An **Air Traffic Controller** is someone who makes sure planes take off, fly, and land safely and efficiently. Even though the sky is a very large space, it is still important to make sure that planes stay out of the paths of other planes. Air traffic controllers have to watch weather information to make sure planes can avoid dangerous conditions. They have to keep track of vehicles and other planes on the runways to make sure the planes can take off and land quickly and safely. Some even keep track of planes in flight to adjust their path in case they're too near other planes. To become an air traffic controller, you have to get a college degree, then complete training through the government. Math skills are important, but it is also important to have teamwork, communication, and decision making skills. If you think this sounds like a career filled with adventure, learn more: bit.ly/3XQ0Ceq or watch bit.ly/3Y4jJ5N or bit.ly/3BCyEeE



The Puzzle

Can you solve these riddles?

What is the next letter in the sequence O T T F F S S _

How many times would the hour hand and the minute hand cross each other from noon until 11:59 pm?

Decode the answers using $b=a$, $c=b$, $d=c$, $e=d$:
uif mfuufs f fmfwo ujnft

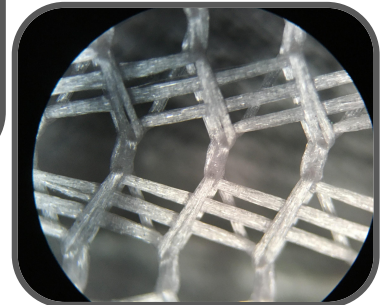
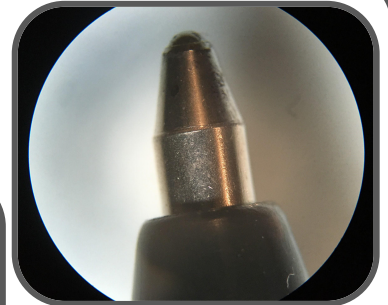
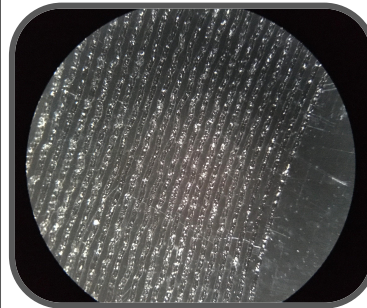
STEM Challenge

Did you ever spill something and wonder how much water different types of cloths can absorb? For example, are all types of paper towel just as absorbent as they are in the commercials? Does a reusable cloth absorb more? Try testing a few types of towels, both cloth and paper, and see which one absorbs more water. Then remember those results the next time you have to wipe up a spill!



Mystery Photos

Can you identify the mystery items under the microscope?



Decode the answers using $b=a$, $c=b$, $d=c$, $e=d$:

*qfo sfdpse
nfti ibu*