

The Daily STEM

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STEM + Careers

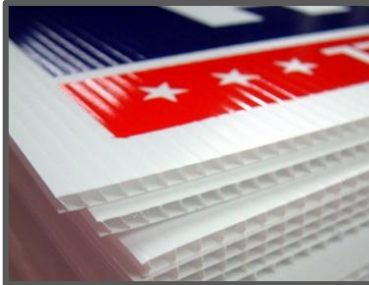
Did you ever hear of a linguist? A linguist is someone who studies languages. Jessica Lee studied linguistics in college, but now has a very different career. She works as a Cyber Threat Intelligence Analyst. She uses her knowledge about languages to check out threats to her company. If someone is trying to attack their computer systems, she helps. If a company gets hacked, it can cause big problems for equipment, security, even the safety of workers. What other types of careers could people with a knowledge of languages be good at? What types of careers are you interested in?



Hear Jessica's story: youtu.be/85JL6lv6FKg

STEM Challenge

Many times when people are trying to win an election, they put signs in yards and beside the road. Did you ever wonder what happens to all of those signs after the election? Beekeeper Alma Johnson asks people to donate used signs to her, especially the corrugated plastic signs. She uses them at the base of her beehives to keep the bees warm on cool nights. Bees need their hives to stay 98°F, and the plastic signs help insulate them. What could you use old political signs for? Learn more: bit.ly/3eFSfLC



STEM in the News

Have you used a disinfecting wipe? They are small pieces of cloth, pre-moistened with cleaning liquid, that help to kill germs on surfaces. Because of the global pandemic, some companies like Clorox have had to hire more people to keep up with demand. That's just one example of a product that has been able to help in a pandemic. Many companies have changed their typical production to items that people need. Clothing companies have found ways to make and sell masks. Goldens' Cast Iron, a grill company in Georgia, was able to help make dumbbells and kettlebells when people couldn't go to gyms. They were even able to hire 10 new employees to help meet the demand. And with all of the meetings taking place over Zoom or Google Meet, webcams have become scarce. Camera maker Canon quickly created a software that people could download to turn a regular camera into a webcam. What kinds of innovations would you make to help in a time like this? Learn more: bit.ly/32pMRXW



The Puzzle

Two sticks can be touching in the following 3 ways:



How many ways can three sticks be touching?

Last issue's answer: Z belongs to A, E, H, L, and N because it's made from straight lines

Mystery Photos

What's under the microscope?
(answer in next issue)

*Last issue's answer:
Wood, a credit card,
and duct tape*

