

The Daily STEM

Volume 2 Issue 25

March 22, 2020

STEM in the News

Something special will happen in May of 2020. For the first time since July 2011 an American spaceship will take astronauts to space. SpaceX has successfully tested their Crew Dragon capsule on a Falcon 9 rocket. Astronauts Bob Behnken and Doug Hurley will fly in the capsule to the International Space Station, with Kjell Lindgren as their backup in case either of them get sick. They will spend their time in space performing experiments and learning more about how humans live in space. What if you had to design a ship for space flight, what would it look like? What kind of experiments would you want to do in space?



Learn more: bit.ly/2UwXaFb

STEM + Geology

Geology is the study of the physical structure of a planet. In other words, it's the study of rocks. Many geologists spend a lot of time out in nature observing rocks and rock formations. It can be an exciting and difficult career. Anita Marshall is a geologist who had to learn how to hike and climb after being involved in an accident. Now she helps others who have disabilities do amazing STEM work. Thanks to drones, GoPros, and other technology, geologists can still get to remote locations even if they have limited mobility. "In science, you have to learn to change your mentality and look at failures not as something you failed at, but just as part of the process of science." What if you were not able to walk or talk or hear, how would you overcome those limitations? To learn more: bit.ly/3aduZS5

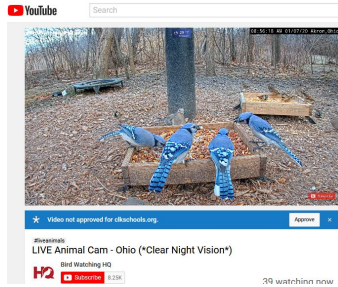


STEM Challenge

Did you know that many zoos and aquariums have live video from their exhibits? Many of them are available to watch anytime on YouTube or their websites. These "live streams" can be fun to watch if you're stuck inside because you're sick or if you want something to watch while doing a chore like folding clothes.

Here's a YouTube playlist that includes live video from bird feeders, penguin cams, tropical reefs, jellyfish exhibits, and even a live view of Earth from the International Space Station! What other things would be fun to watch live?

Watch here: bit.ly/39bQbGE



How it's Made

Have you ever been to a hospital? Maybe you had to wear a special gown that lets doctors and nurses help you get better. Hospitals must be very careful that germs are cleaned quickly so they don't spread. It's a big job to make sure all the towels, gowns, rags, and sheets get cleaned. Did you ever wonder how they clean all that laundry? Watch this video to learn how hospital laundry is cleaned, folded, and packaged: bit.ly/3deZgSq



The Puzzle

If 4 students can bake 4 pies in 4 hours, how many pies can 16 students bake in 16 hours?

Last week's answer: Day 37

Mystery Photos

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

Last issue's answer:
A LEGO, a comb, and twine

