The Daily STEM

Volume 3 Issue 20 April 11, 2021

STEM in the News

You've probably spent a lot of time in the past year wearing masks. Maybe you don't even think about it anymore. But some kids have difficulty with masks. An engineering class at Milford High School in Ohio created a special mask for 11 year-old Kathryn. She has Down Syndrome, and she doesn't like it when things that touch her hair or face. The students tried many ideas and finally created a face shield to attach to Kathryn's vest. Now Kathryn is able to take a trip with no worries! Do you know someone you could help? Learn more: bit.ly/3gfihbB

STEM Challenge

Did you know that April 22 is Earth Day? It's a day set aside to encourage people to do something that helps the Earth. One great idea is to pick up litter in your community. And if you want to see the impact of your litter cleanup, you can try using the Litterati app. How does it work? **1)** Find a piece of litter **2)** Take a picture of the litter using the app **3)** The GPS in your phone tags the location of the piece of litter **4)** Dispose or recycle the litter properly

When you're done picking up litter, upload the photos and tag the item with the type and brand of item, and material its made of.

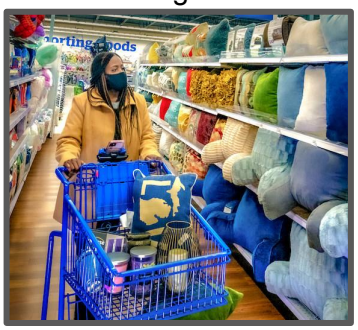
Learn more: youtu.be/R133rnzKHj8

Find lesson ideas: edu.litterati.org

STEM + Stores

What items do you think were most popular at stores in the past year? You probably guessed masks, hand sanitizer, and cleaning supplies. The Michigan based Meijer stores released information about some of the sales trends they saw in 2020. Exercise equipment was popular because gyms were closed. People also bought more items to pass the time, like video games, board games, and puzzles, as well as outdoor activity items like grills, bikes, and fishing equipment. Food sales were much different too, with more people buying ready made meals like rotisserie chickens, or buying big bags of apples or potatoes. Why do you think it's important to look at trends like this? How would keeping a store fully stocked change during an emergency?

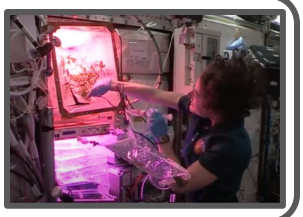
Learn more: bit.ly/3dY5l6S



STEM Careers

Did you ever wonder how plants are watered in space when there isn't any gravity?

Learn how: youtu.be/9PiZ7-tcrcg



The Puzzle

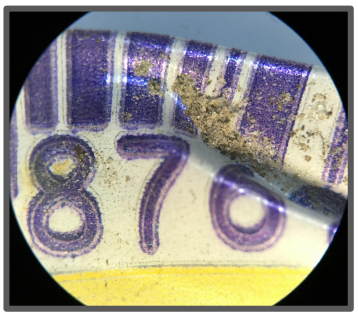
A horse was tied to a five meter rope in front of a stable. Six meters behind the horse was a yummy bale of hay. How was the horse able to eat the hay without breaking the rope?

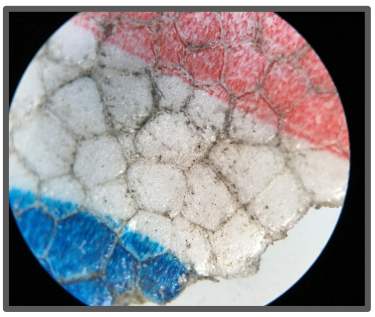
*Last issue's answer: O, T, T, F, F, S, **S, E, N, T**...they were the first letters of the numbers one to ten.*

Mystery Photos

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

Last issue's answer:
The quill of a feather, an artificial leaf, the vane of a leaf





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