

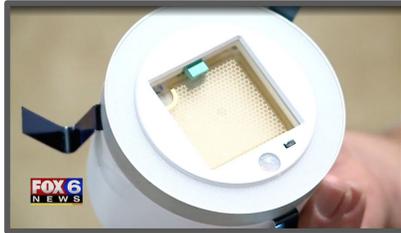
The Daily STEM

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STEM in the News

You've probably spent a lot of time thinking about how to stay safe from virus germs this year. But one restaurant in Wisconsin is taking health and safety to the next level. The Blind Horse restaurant is installing special lights that use "far-UVC" light. The lights, made by Healthe, still provide customers with plenty of light to see, but they also safely kill airborne germs and viruses. "Our customers and staff appreciate all the time, money and effort to create a safer environment," said Thomas Nye, the restaurant's general manager. They have also installed hi-tech air filters and all staff wear masks with copper in the fabric. Can you think of other places that would benefit from these types of lights? What other ways are there to help keep people safe from germs? Learn more:



fxn.ws/3jfgMrs Watch a video: bit.ly/2H774L0

STEM + Firefighting

One of the most dangerous careers in our world is being a firefighter. Every day, brave women and men risk their lives to protect and save people from burning buildings. But what if a robot could enter a building to help put out the fire? The RS3, built by Textron, is a robot that looks like a small tank. It can spray 2500 gallons of water in a minute, but also turn and move easily in a burning building. RS3 is operated by remote control using built in cameras. It even has a plow on the front to push through debris. "I can afford to lose one of these wonderful machines, I cannot afford to lose a firefighter," Los Angeles Fire Chief Ralph Terrazas said. What other uses do you think a robot like this could have? What other features would be good to add to the RS3? Learn more: lat.ms/355Agtu



Watch a video: bit.ly/34bF0Pm

STEM Challenge

Did you ever stop and think about how much trash you throw out every day? It might be easy to ignore trash after you throw it away. When you throw something in a garbage can, it gets taken away and you never need to see it again. What if this week you kept track of how much garbage you throw away? Would you be surprised? Would you think more about what you buy and what you use? If you need help thinking about reducing the items you use and the trash you create, check out this video lesson from Ted-Ed: bit.ly/35fXM7p



The Puzzle

If $9 = 4$ and $21 = 9$ and $22 = 9$ and $99 = 10$, then how much does $16 = ?$ and $17 = ?$

Last issue's answer: There were 10 tricycles

How Are They Made?

Do you like M&M's? The total amount of M&M's made each year, end to end, could circle the Earth 48 times! Did you ever wonder how they're made or where their name comes from? Watch this video to find out: bit.ly/2FFLXhV



Mystery Photo

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

*Last issue's answer:
A pumpkin seed, a circuit board on a computer, a leaf*

