

the Daily STEM

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STEM + Cardboard

The Olympics in 2020 will take place in Tokyo, Japan. When the athletes arrive, they'll get to sleep on beds made of cardboard. Don't worry, there will still be mattresses and sheets. But 18,000 beds will be made to hold up the mattresses, and 8,000 slightly different beds will be made for Paralympians. The beds are designed to hold 441 pounds. The cardboard will be recycled into paper products after they are used, and the mattresses will be recycled too. Could you design a cardboard bed that holds 400 pounds? What other everyday things could be made from cardboard? To learn more: bit.ly/2VXKQxG



STEM in the News

Many people want to go to space. Virgin Galactic is a company that is going to take people to space. They already have 600 people already signed up for space tours at \$250,000 per trip. But travel in space requires hi-tech equipment. Under Armour has created spacesuits with plenty of pockets that will keep passengers safe and comfortable. "Mobility, pliability, and flexibility are the things that we built into this suit to make it unlike any other flight suit," CEO Kevin Plank said.



What would you think is most important for a spacesuit? To learn more: bit.ly/32zuP3G
To see technical info on the suits: undramr.co/2MP6W1f



STEM Challenge

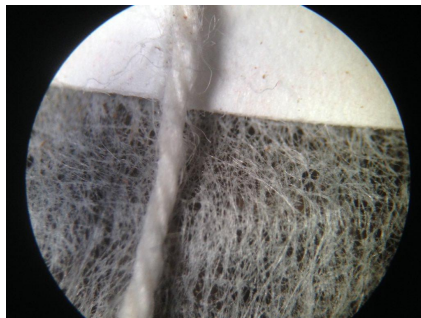
What if after you wore a hole in your shoes, you didn't have to throw them away? What if you could just disconnect them and put on a new part? That was the idea of Urshuz, a company that tried making shoes in a completely different way. How would you redesign shoes to make them better?



Mystery Photo

What's under the microscope?
(answer next week)

Last week's answer:
Popcorn



The Puzzle

What are the next 4 letters in this sequence:
J, A, S, O, N, ...

Last week's answer: $11 + 2 = 1$ on a clock...11 o'clock + 2 hours = 1 o'clock

Last week's "bonus" puzzle answer: "VOLIX" means "Volume 9"

STEM Jokes

Are there monsters in Math class?

Not unless you Count Dracula.

