

# the Daily STEM

Volume 2 Issue 7

October 27, 2019

## STEM + Pizza

Did you ever wonder why your round pizza was delivered in a square box? Pizza Hut has developed a new round pizza box.

What would be the benefits?

First, a round box uses less cardboard than a square box. Think of all the empty space inside your last pizza box.

Secondly, making it round allows the box to have ridges in the bottom that keep the pizza off the cardboard.

This keeps the pizza fresher and crispier. They even made the box so it can be composted.

Will more pizza places start using round boxes?

What other advantages would there be? Would there be disadvantages to using round boxes?

To learn more: [wapo.st/2BMhwBI](http://wapo.st/2BMhwBI)



## STEM in the News

How many pizzas do you think you could make in one hour? What if you had to make 300 pizzas in an hour. You'd probably be ready for a break afterwards. A company in Seattle named Picnic has created a machine that can make 300 12-inch pizzas every hour without taking a break. That's a good thing, because Americans spend \$46 billion at pizza restaurants every year.

After entering topping information, dough moves down a conveyor belt and travels under spouts that put on sauce, cheese, and toppings.

Why would you need to make so many pizzas quickly? Places like stadiums or large cafeterias would be very happy to automate

pizza making. What other foods could be made like this? Would you eat food made by a machine?

To learn more: [bit.ly/36e8X0a](http://bit.ly/36e8X0a)

To watch a video of it working: [bit.ly/2pUo9i8](http://bit.ly/2pUo9i8)



## STEM Challenge

You can have many tools for creating things, but your most important tool is your imagination. And one terrific use of imagination is to make costumes.

But too often we buy costumes instead of trying to make our own. Challenge yourself to make a costume, and then try making your own video with you as the star!

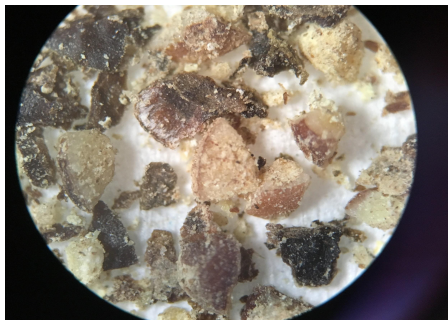
Got an idea for a costume? Need some ideas or instructions for costumes? Check out [instructables.com](http://instructables.com) for a huge variety of costume ideas: [bit.ly/2NkaCs2](http://bit.ly/2NkaCs2)



## Mystery Photo

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

Last week's answer:  
A Tea Bag



## The Puzzle

Bowling is played with 10 pins...1 pin in row 1, 2 pins in row 2, 3 pins in row 3, and 4 pins in row 4.

How many pins would you need if bowling had 100 rows of pins?

Last week's answer: J, A, S, O, N, ... D, J, F, M

(they are the first letters of months beginning with July)

## Incredible Inventions

Did you ever think about who invented flashlights? Tony Maglica didn't invent flashlights, but he invented the Maglite®. Tony immigrated to the US from Yugoslavia right before World War 2. He learned to speak English working in shops, and eventually used \$125 to start his own company. In 1979, he used ideas he learned from years of hard work to create his first flashlight. Learn more in this video: [bit.ly/2Wg1Csg](http://bit.ly/2Wg1Csg)

