

# The Daily STEM

Volume 3 Issue 3

September 27, 2020

## STEM in the News

Did you ever use a 3d printer? A 3d printer squirts out melted plastic in layers to create an object. Doctors have started using 3d printing to prepare for surgeries. It allows them to see what the body parts look like before they have to do an operation. Recently, doctors in Michigan used a 3d printer to prepare for a very special surgery. The doctors were getting ready to help separate twins that had been born attached. Sarabeth and Amelia Irwin were born connected together from their chests to their belly buttons. The doctors practiced and prepared for the surgery very carefully. The two teams of doctors wore different color hats that matched each girl's fingernail polish. Everything was ready, and after 11 hours of surgery the girls were successfully separated.



Think about this story the next time you do a project in class like 3d printing.

Learn more:

[bit.ly/3mWcxEe](http://bit.ly/3mWcxEe)



## STEM + Drones

Many companies are starting to use drones to deliver things to homes. Would you want something you ordered to be delivered by a drone? Recently, Walmart has been testing drones for delivering food and medicine to people. Now they are trying to deliver Coronavirus tests with a drone. The drone takes the test kit, flies it to a home, drops it in the front or backyard, then returns to the store. The test kit can be used to test for the virus and then returned in the mail. This would help people to get the test if they aren't able to leave their home for some reason. What other types of things could be delivered by drones? Would there be any problems with delivery by drone?



Learn more: [bit.ly/30cVgx2](http://bit.ly/30cVgx2)

## STEM Challenge

Have you ever seen a Mason jar? They're usually used for vegetables, fruits, or jams and jellies. They are designed to keep the contents fresh. But you can also repurpose jars for other uses. Right now on the Instructables website there is a contest for jar ideas. Some entries include making jars into snow globes, soap dispensers, or for growing plants. What could you make from a jar? Look for an empty food jar and make something amazing!

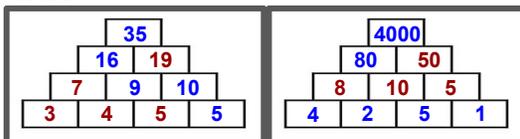
See some ideas: [bit.ly/2Hwpu7v](http://bit.ly/2Hwpu7v)



## The Puzzle

If you add up the ages of a mother and her daughter, their ages add to 66. But the mother's age is the daughter's age reversed (like 42 & 24). How old is each person?

Last issue's answer:



## Mystery Photo

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

Last issue's answer:

A dollar bill, a tomato, a towel

