

# the Daily STEM

Volume 2 Issue 15

January 12, 2020

## STEM in the News

You've probably played a video game before. But have you ever played one that you could do while blind? Rome Nardin, a 6th grader in Florida, created a game called "Please Listen" for a science fair project. His teacher told the class to "come up with something important to them, something that would make a difference." Since Rome has had hearing loss since birth, he decided that making a video game for people with difficulties would be important. He researched game ideas and couldn't find a game for kids with vision impairments. He spent two weeks coding the game, and even had his classmates test it for him. Have you tried coding? What could you make that can help someone?



To learn more: [bit.ly/2R8OgMb](http://bit.ly/2R8OgMb)

## STEM Challenge

Even if you don't get snow where you live, it's fun to use scissors and paper to make your own snowflakes!

First of all, did you know that snowflakes are hexagonal? That means they have 6 sides. Fold a square paper in half, then in thirds, to get 6 equal parts for a "real" snowflake. But if you want to be really creative, head to



[bit.ly/30dcnxB](http://bit.ly/30dcnxB) to download some Star Wars snowflake patterns. Yes, you could make Baby Yoda snowflakes! They're the idea of Anthony Herrera, a "geek, dad, designer, & artist." If you're not into Star Wars, there's also Harry Potter, Frozen, and Guardians of the Galaxy designs too! Just don't forget to pick up your mess when you're done cutting!

## Mystery Photo

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



Last issue's answers:  
A US 1 dollar bill

## STEM + Rubber Bands

Did you ever hook a rubber band around your finger, pull back, and let go? There's all kinds of science happening when you do that. Some engineers decided to test how to best fire the rubber band and keep it from hitting your other fingers (I know, that sounds like a fun job!). They used a cylinder instead of a thumb, and watched what happened using high speed video. When they watched in slow motion, they saw that using just the tip of the thumb works best. After releasing the rubber band, the thumb moves out of the way. Can you build a machine that launches rubber bands at a target? What other types of things would be fun to watch in slo-mo? To learn more: [bit.ly/36VjNrT](http://bit.ly/36VjNrT)



## The Puzzle

A grandpa, two dads, and two sons went to a museum. Each person bought one ticket at \$12.34 each. What was the total cost for the tickets?

Last week's  
answer:

Total of 15

8	1	6
3	5	7
4	9	2

Total of 18

10	1	7
3	6	9
5	11	2

## Cool Ideas at CES 2020

CES 2020, the Consumer Electronics Show, in Las Vegas is over. But the ideas and products that companies revealed are still being talked about. Some ideas will be available to buy this year. Others are just concepts that show guesses at the future. What were the biggest trends this year:

- 1) Impossible bacon and sausage made from plants instead of pork
- 2) Toyota's idea for a "City of the Future" with no human drivers
- 3) New health sensors to detect problems in the body
- 4) Foldable tablets, phones, and computers
- 5) Technology that blends into your surroundings, like roll up TVs and virtual displays on wood



What is your best prediction of what will happen in the future?

Read more at [cnet.co/36Gski2](http://cnet.co/36Gski2)

