

# The Daily STEM

Volume 3 Issue 21

April 18, 2021

## STEM in the News

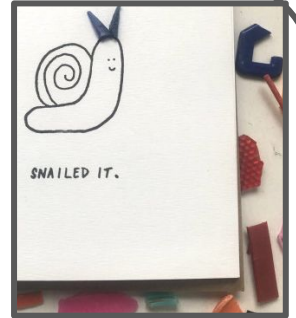
Did you ever see an animal with a wheelchair? A baby Alpaca in Germany has a kind of wheelchair to help it get around a farm. The baby Alpaca, named Marie, was hurt during birth, and a veterinarian had to amputate one of the back legs. The vet was able to help Marie's owner contact a company that makes wheelchairs for animals. Once the other back leg gets stronger, Marie will be able to get a prosthetic, or artificial leg, to help it walk around the farm. What would be important when designing wheelchairs or prosthetics for animals on a farm?



Learn more: [bit.ly/3mWYNto](https://bit.ly/3mWYNto)

## STEM + Cards

Did you ever get a card in the mail? Or maybe you've made a card for a friend or relative? Flora Blathwayt started making cards during 2020 to cheer up friends and family. But her cards were unique. She used bits of plastic she found on beaches in the UK to make her witty cards a little more special. When people found out, she started selling them as Washed Up Cards. She always writes where the plastic was found on the back of each card. Flora's walks to look for plastic became a way to feel better during the past year. "For me, the river became that safe place." Could you make some cards for someone? How could you make them extra special?



Learn more: [bit.ly/3x8JP8c](https://bit.ly/3x8JP8c)

## STEM Challenge

Did you know that April 22 is Earth Day? But that's not the only time you can do things to help make your world a better place. Here are a few ideas to make Earth Day last all year:



🌍 Start to **RECYCLE** in your home or school

🌍 Keep track of your family's garbage each day or each week, and try to **REDUCE** your impact

🌍 Find a way to **REUSE** something you normally throw away or recycle

🌍 When something breaks, try to **REPAIR** it

🌍 Think about items in your daily life that you don't need and **REFUSE** to use them (like straws at a restaurant or plastic bags at a store)

## STEM Careers

Do you know what compost is? Watch how it's made:

[youtu.be/5waBkxMWTRY](https://youtu.be/5waBkxMWTRY)



## The Puzzle

A 20 foot long fence needs to be painted. If Business A can paint the fence in 3 hours, and Business B can paint it in 6 hours, how long would it take if both Business A and B work together?

*Last issue's answer: The horse was able to eat hay while tied to a rope because the other end of the rope wasn't tied to anything.*

## Mystery Photos

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

*Last issue's answer:  
All 3 photos were of litter...  
a drink can, styrofoam cup,  
and ketchup packet*

