

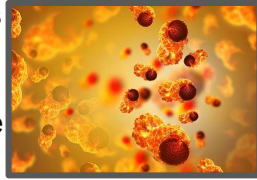
# The Daily STEM

Volume 2 Issue 27

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## STEM in the News

Do you know someone who has had to battle cancer? It's a disease in which abnormal cells in the body grow and make new abnormal cells. These bad abnormal cells attack the good cells. There are more than 100 types of cancer, and some are more harmful than others. One thing doctors try to do is detect cancer quickly so they can treat it quickly, just like it's easier to pull a few weeds out of a garden before they spread to the whole garden. Some cancers can only be found when people show symptoms. Scientists have discovered a new blood test that can detect over 50 types of cancer. It can even tell the doctors where the cancer is in the body. If the test is approved, it can be used to help more people get well quicker. To learn more: [bit.ly/3bRVH38](http://bit.ly/3bRVH38)

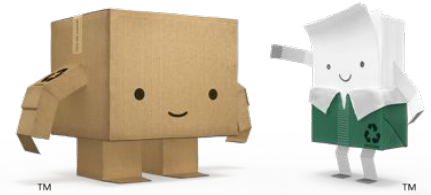


## STEM +Cardboard +Careers

Did you ever think about the cardboard box that your package comes in? Was your box full, or was it mostly filled with air? Did your box protect what was inside? Packaging Engineers figure out the best ways to fit products in packaging. They have to make sure the package looks good, is durable, and doesn't cost too much.

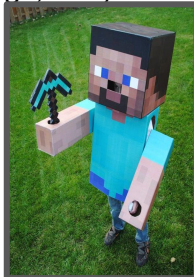
What else would be important when packaging a product? Pick an object in your home or classroom and try to design a package for it!

To learn more: [bit.ly/2AJIZ79](http://bit.ly/2AJIZ79) or watch some videos about how paper is better: [bit.ly/39L0aTJ](http://bit.ly/39L0aTJ)



## STEM Challenge

You can have many tools for creating things, but your most important tool is your imagination. One good use of imagination is to make costumes. Too often we buy costumes instead of trying to make our own. Challenge yourself to make a costume using materials around your house. Fabric, cardboard, and recyclables can all be turned into costumes. After making



your costume, try filming a story or video with you as the star! If you can't think of an idea for a costume, check out the website Instructables for a huge variety of costume ideas:

[bit.ly/2XasCvB](http://bit.ly/2XasCvB)



## How it's Made

Potato chips are a tasty treat. Did you know that most potato chips are made from potatoes just 24 hours after harvest?

Do you know how many chips can be made from one potato? How long does it take to make a bag of chips? Are you hungry for some chips? Watch this video to see the process of how potato chips are made: [bit.ly/3bXxQzg](http://bit.ly/3bXxQzg)



## 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 200 rows of pins?

Last week's answer: 38

## Mystery Photos

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

Last issue's answer:  
A playing card, a car in Monopoly, and dice

