

the Daily STEM

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STEM+Inventions

Have you ever had an idea for an invention? What is the purpose of an invention? People invent things every day. Some become widely used, some don't.



The Hoverbrella™

Matt Benedetto creates products that "solve problems that don't really exist by creating products that no one is really asking for."

He uses 3d-printer, a sewing machine, and more to create fun

inventions that are more silly than helpful. He's made helmets to protect you from stubbing your toe, chopsticks with built in earbuds, even a Hoverbrella!

Before people design a product, they think of a problem that needs a solution. There will always be problems, so there will always be new inventions.

Check out his ideas, then try making your own: unnecessaryinventions.com

STEM in Food

Cooking a hamburger is easy. Cooking a hamburger well requires science. Food researcher Stu Farrimond has some suggestions, based on science, to make a better burger.

- Only flip your burger once
- Cook the meat between 150°C and 180°C
- Toppings should weigh 60% of the cooked burger weight

As for math, do you prefer circle or square shaped hamburgers?

Learn more about burger science at tinyurl.com/y46j5jyj



STEM in the News

STEM students in Connecticut built some fun vehicles for kids who have trouble moving around. The specially designed cars work like a combination of a scooter and a wheelchair.



The students who built them got to use their robotics skills to do something good. Do you know someone who has difficulty walking? Maybe you could build something to help them out using your STEM skills.

To read more: tinyurl.com/y44tnvug

STEM Challenge

Summer time is great for family STEM fun! Can you make a mini-golf course using items in your house? Try starting with empty drink bottles for the holes and cardboard to make a club.



When you finish, invite your family to play it together. More ideas at: tinyurl.com/y42c4a72

Mystery Photo

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



Last week's answer:
the star on a flag

The Puzzle

How can you make the following equation a true equation by adding one straight line?
(answer next week)

$$5+5+5=550$$

Last week's answer: Tank F fills up first

Chris Woods dailystem.com/news