

# the Daily STEM

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## STEM+History

In 1983, Sally Ride blasted into space aboard the Space Shuttle Challenger to become the first US female in space.

But a girl who started flying at age 12 in 1943 could have been the first!

Geraldyn Cobb loved to fly, and even set records for speed and distance. In 1962, the US Congress debated allowing women to be astronauts and decided to wait.

Ms. Cobb decided to continue flying by delivering medicine and supplies to tribes in the Amazon jungle. Did she ever end up in space?



To read more about Geraldyn, head to [nyti.ms/2VhNSiy](https://nyti.ms/2VhNSiy)

## STEM Challenge

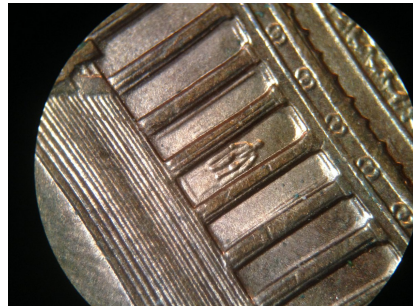
Using a cereal box & aluminum foil, design & construct a shelter that will keep people safe under the ocean.

## The Puzzle

How can you use eight 8's to add up to 1000?  
(answer next week)

## Mystery Photo

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



## Geeky Fashion

STEM is stylish!



## STEM in the News

The fire that damaged much of the Notre Dame Cathedral in Paris on April 15 was tragic. But without the help of some STEM the fire could have been worse. Firefighters flew drones with HD cameras overhead to see where to position their hoses. They also used a firefighting robot called Colossus to help spray water inside the structure.

Not only was technology used to help stop the fire, there are many ways STEM can help rebuild the cathedral. Sensors can scan the walls to determine how strong they are. Even the video game "Assassin's Creed" could help since it contained a model of the church that took two years to create.

Question: How could STEM help repair or rebuild a structure in your town?

## The Quote

"If I had an hour to solve a problem, I'd spend 55 minutes thinking about the problem and 5 minutes thinking about the solutions."

-Albert Einstein