

Name: _____ Class: _____

BSCA - Become an Engineer!



Emily Roebling was an Engineer from America, born in 1843. Use the Internet to find out what she was famous for?

EMILY ROEBLING

Engineer Challenge! - Become a Bridge Builder



Using resources from around the house build a bridge between two chairs to hold the weight of a piece of fruit.



First think about what you could use. Newspaper, tape, straws, sticks. Be creative.

Gather together your resources, and get building!

Then, Test it! Put a piece of fruit on your bridge to test if it can hold the weight. If it doesn't, it's ok, try again! What could you change to make it stronger!

Take a selfie with your bridge and share with a friend!

Where could your learning take you?

- What is a field engineer?
- What are your big questions? Can you do some research at home to find answers?
- Use the QR code to find out more about different types of bridges.



<https://www.youtube.com/watch?v=oVOnRPefcno>

