DESIGN A MODEL CATAPULT

PROBLEM:

Farmers must be able to efficiently harvest their pumpkins or the crop will go to waste in the field.

Suggested Materials

- Large popsicle sticks
- Rubber bands
- Plastic spoon
- Small pumpkin-shaped candy
- Container or bin to launch object into

CHALLENGE:

Design a catapult model that will launch pumpkins specific distances.

QUESTIONS TO CONSIDER:

- How can you make the catapult launch an object further in distance?
- What can you do if the object is being launched too far?

Fun Fact

The largest apple ever picked from a tree was grown by Chisato Iwasaki in Hirosaki City

BEHIND THE SCENES:

Most pumpkins in Illinois are used for processing into canned pumpkin that we use for cooking. Farmers use a variety of machines to harvest their pumpkins and deliver them to the processing plant quickly and efficiently. This process can take as little as 2 hours from field to can!