

# Egg Drop

Grades: K—6 and families

## Instructions

- 1: You can work by yourself or as a family. If you are competing against family members, you should all make and agree on rules at the beginning
- 2: (Adult) Decide where you would like to drop the egg from.
- 3: Using the provided materials and any other materials, design a contraption to keep the egg from breaking when it falls
- 4: You can draw a picture of your design here to help you plan!

## Materials

11 Paper Straws

5 Rubber Bands

Masking tape

4 Dixie Cups

11 Cotton Balls

1 egg\*

+ whatever else you have at home that you'd like to use in your contraption!

\* provide your own egg!

My design:

## Ideas for extension

You can try dropping your contraption from different heights. Start off low and gradually get higher.

Prototype and redesign. If it doesn't work the first time, think about what you could change!