

# EGG DROP

## STEM CHALLENGE!



This project is a real *egg-citing* crowd pleaser!  
(Sorry - we had to!)

The main goal of this STEM activity is create a container to keep a raw egg intact when dropped from a high height. That's it! Pretty simple, right? Guess we will see!

This experiment uses critical thinking, problem solving, principles of engineering, and ingenuity to create a successful project. Are you up for this *egg-cellent* engineering challenge?

## WHAT WILL YOU NEED?

The great part about this project is that you can use ANYTHING to build your Egg Drop contraption! This experiment requires a bit of trial and error and thus may result in a totally different design than when you started. We suggest having at least 6 eggs to test with, as well as an assortment of recyclable and found materials to build your mechanism.

Think about what it will take to slow down the egg's descent during the fall, as well as a proper protective layer to keep it intact upon landing. If the egg cracks, all you have to do is: rethink your strategy, redesign your container, and test it again!

# EGG DROP

## CONTAINER IDEAS

