The goal of this project is to create a container that will safely deposit a raw egg onto the ground when it is dropped from something high.
Egg Drop STEM Challenge Ideas

Let kids be as creative in their designs as they want. You might want to include some design challenges like they must use a cardboard box, their design must fly, or they have to use sponges.

You could also require that the designs be a certain size, such as under 10 inches.

Another fun twist is to try dropping the eggs from different heights. The egg padding that withstands the most tumbling is the winner!

What You Need for Egg Drop Designs

You’ll need these supplies for the egg drop engineering challenge.

Supplies:

- Raw eggs (buy some cheap ones so you can make multiple attempts)
- Various containers and padding
- Bubble wrap, cotton balls, plastic food containers, string, tape, plastic or paper bags, egg crates, straws, cardboard, loose parts, twigs, etc.