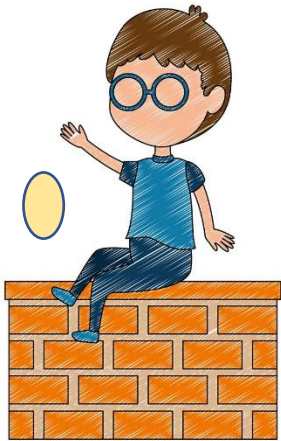


Egg Drop Challenge

Developmental Area: Approaches to Learning, Literacy,
Fine Motor, Math, Science



Possible Supplies: Wooden planks, LEGO bricks, K'nex, toothpicks, balloons, skewers, glue, twist ties, zip ties, cardboard, twine, craft paper, foil, rubber bands, cotton swabs, fabric.

Build a contraption to hold an egg that can be dropped from a height without the egg breaking. For safety, the egg or eggs should be hard boiled so that children are not handling raw eggs. The external protection on the outside of the contraption protects the egg by absorbing the impact felt when the landing craft hits the ground.

You can also use a plastic egg although this activity doesn't need a contraption for protection. It probably will not crack if the egg is in a contraption. Your child can drop the egg using different heights to see which height causes the egg to "crack" open. Also, your child could build a wall to drop the plastic egg from and make the wall higher each time to see what height finally "cracks" open the plastic egg.