



The Great Egg Drop Activity

The object of the game is for each team to determine how to drop an egg without breaking it.

Materials – per team

- One egg
- 15 straws
- 3 index cards
- 3 feet of masking tape
- Location where egg can be dropped from a fixed height



The Activity – 25 minutes

- Randomly divide youth into even groups ranging from 4 to 6 (or less if working with a small group)
- Give each team 5 minutes to develop a plan to protect the egg with 15 straws, 3 index cards, and 3 feet of masking tape
- After the 5 minutes has elapsed give the supplies to each team
- Give each team 5 minutes to build the egg protector without talking
- After the 5 minutes has elapsed, one member from each team will drop the egg from a fixed height
- Repeat the above step, raising the fixed height each time, until only one team's egg survives the drop

Follow-up Questions – 5 minutes

- What did you experience while doing this activity?
- Did your group have any problems while doing this activity?
- How did you work together to solve problems?

Adapted from Mizzou Collegiate 4-H Workshops,
<http://4h.missouri.edu/getinvolved/mizzou4h/workshops.htm#noodle>