Activity Plan

The Muscle Car Camp

Title of Activity: Duration:

Egg Drop

2 hours

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Objective: ­

Introduce the concept of energy (potential and kinetic) by designing a protective barrier around an egg and dropping it from a certain height.

Description: Materials:

1. Eggs
2. Tape
3. Newspaper
4. Cardboard
5. Plastic bags

Any miscellaneous materials can be used. The ones stated above are a good place to start.

1. Provide students with materials and a certain time limit to design their barrier.
2. Assign a limitation to 2 students in each group:
   1. No talking
   2. Can’t use their hands
3. Have students go somewhere to drop their product (i.e. a balcony).
4. Groups whose eggs do not crack will move to the next round and must remove 1 material.
5. Repeat step 4 until there is only one group left.

Relevant pictures of materials and final set up