

Early ON

@ Home

Egg Drop Challenge

Supplies

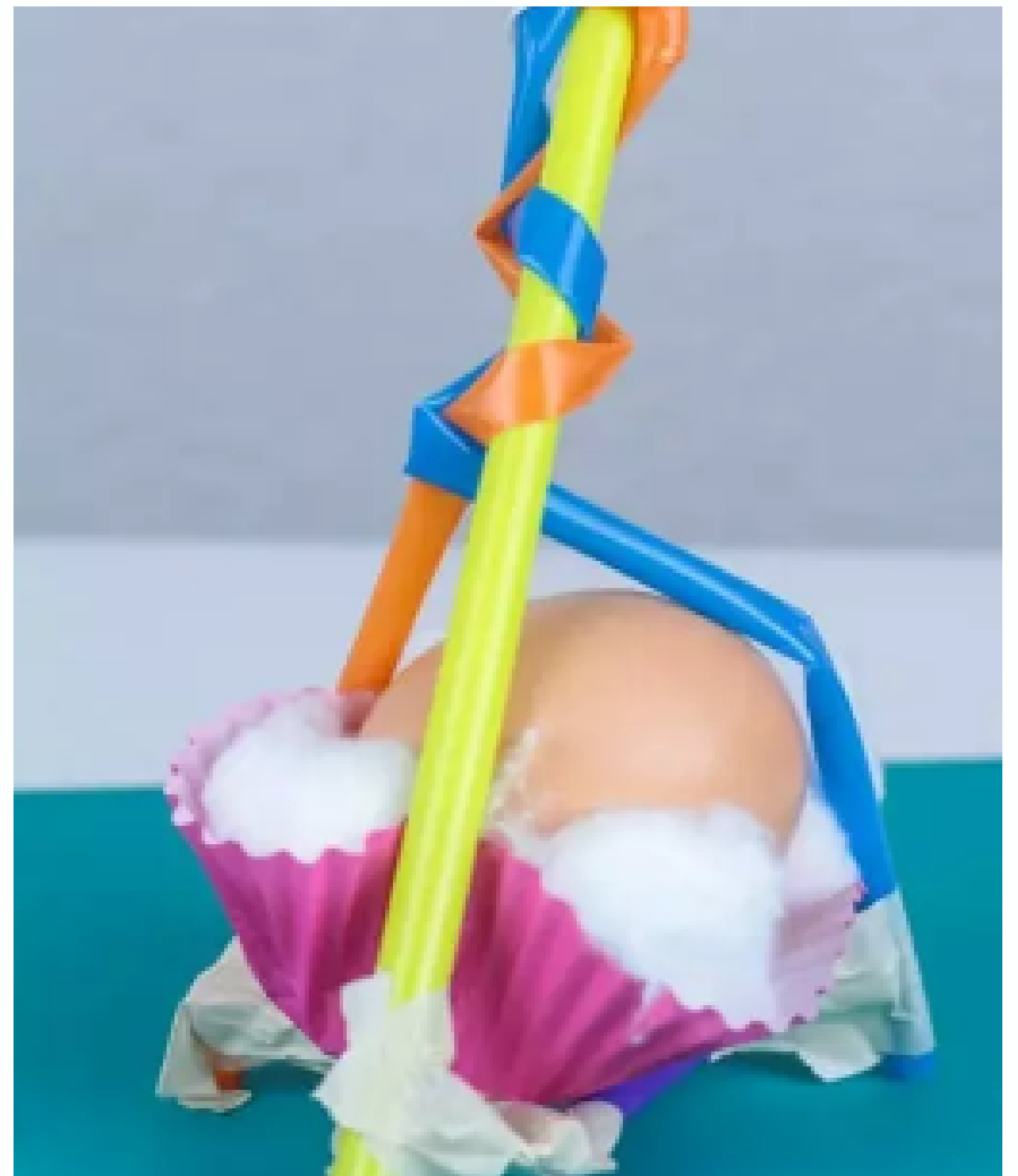
- Raw eggs
- Various craft supplies or recycled materials (boxes, bags, cartons, cotton, cups, tissue, straws, baking cups, tape, Kleenex, etc.)

Directions

- Design an egg holder out of whatever materials you have available.
- Place your egg inside.
- Drop your egg holder with the egg inside to see if it breaks.
- You can make adjustments to your holders, decide on the height, ect. This activity leaves so much room for variation based on what is available to you.

The Science

The force of the fall and the impact breaks the egg. However, with adaptations and trial, you can prevent the egg from breaking at any speed.



Questions to Ask Before

- What do you think the best materials will be to use to keep the egg from breaking?
- What do you think will be the worst materials to use?

Questions to Ask After

- What would you change?
- Can we change the speed of the egg falling?