

# The Cranberry Bounce Test

The best cranberries bounce. That is why today, cranberry farmers often use a machine that simulates bouncing cranberries to sort them by freshness.

Can you figure out which of your cranberries are the best?

## **Materials:**

- About 10 Cranberries per student

## **Directions:**

1. On a sheet of paper, draw ten boxes. Set one cranberry in each box and label the boxes 1-10
2. Make initial observations about each cranberry and write them down (firmness, color, smell...etc.)
3. Make a hypothesis, which cranberries do you think will bounce?
4. Individually drop the cranberries from the same height.
5. Record your observations for each cranberry's bounce, or lack of bounce.
6. Compare your initial observations and hypothesis to your experiment.



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