

Date: \_\_\_\_\_

Names: \_\_\_\_\_

# The Scientific Method: It's EGG-CELENT!

- Record the numbers of your two eggs here: \_\_\_\_\_ and \_\_\_\_\_
- Perform **three** of the tests listed below to determine which egg is fresh and which is hard-boiled
  - Record your hypothesis, results and conclusions on the table below.
  - Make sure to do each test **THREE TIMES!**
- Record your final conclusions on the other side of this sheet

## Methods:

Check	Test	Hypothesis	Results	Conclusions
<input type="checkbox"/>	Place both eggs side by side and spin them at the same time. Note any differences. Repeat this test three times.		Trial 1 Trial 2 Trial 3	
<input type="checkbox"/>	Carefully shake each egg, and note any differences. Repeat this test three times.		Trial 1 Trial 2 Trial 3	
<input type="checkbox"/>	Carefully drop both eggs into a bucket of water at the same time. Note any differences. Repeat this test three times.		Trial 1 Trial 2 Trial 3	
<input type="checkbox"/>	Spin the eggs one at a time. While the egg is spinning place your finger on the egg and then quickly remove it again. Then try the same thing with the other egg. Note any differences. Repeat this test three times.		Trial 1 Trial 2 Trial 3	
<input type="checkbox"/>	Hold each egg up to a flashlight using the tissues to cover the egg. Note any differences. Repeat this test three times.		Trial 1 Trial 2 Trial 3	

## Final Conclusions:

Based on the tests you completed which egg do you think is hard boiled and which do you think is raw? Why?

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Which test do you think was most helpful in allowing you to reach your conclusion? Why?

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Final Test: Break your eggs over a bowl to see if your conclusion is true or false.

**We were:**

Right 😊

Wrong 😞

