

# Rainbow Rubber Eggs Experiment

## Scientific Method

### STEP 1: MAKE AN OBSERVATION

1. What observation did you make?

- A. I saw eggs and would like to have them every day for breakfast.
- B. I saw rainbow, bouncy eggs and wanted to make my own.
- C. I saw rubber fish and wanted to make my own.
- D. If you have a different observation, type it here.

I saw \_\_\_\_\_  
\_\_\_\_\_

### STEP 2: ASK A QUESTION

2. What question did you ask?

- A. What will happen if I put an egg in vinegar for 2 - 3 days?
- B. What will happen if I put an egg in coke for 2 - 3 days?
- C. What will happen if I put an egg in lemon juice for 2 - 3 days?
- D. If you asked a different question, type it here.

What will happen if \_\_\_\_\_  
\_\_\_\_\_

### STEP 3: MAKE A HYPOTHESIS

This is where you guess what will happen during your experiment.

3. What is your hypothesis? What do you think will happen?

- A. I think the egg will stay the same colour but become like rubber.
- B. I think nothing will change.
- C. I think the egg will change colour and become like rubber.
- D. I think the egg will go soft and break very easily.
- E. If you think something else, type it here.

I think \_\_\_\_\_  
\_\_\_\_\_

### STEP 4: DO YOUR EXPERIMENT

Before you do your experiment, you need to list your materials.

4. Tick all the materials you used in your experiment.

- |                   |                       |
|-------------------|-----------------------|
| A. Vinegar        | F. Fizzy drink        |
| B. Water          | G. Lemon juice        |
| C. Food colouring | H. Fruit Juice        |
| D. Eggs           | I. Clear jar/cup      |
| E. Ketchup        | J. Other (type below) |

Materials not on the list: \_\_\_\_\_  
\_\_\_\_\_

## STEP 5: DRAW CONCLUSIONS

5. After your experiment, what did you see and learn?

- A. I learnt that vinegar makes an egg like soft and that food coloring colors the whole egg.
- B. I learnt that vinegar makes an egg hard and that food coloring does nothing to the egg.
- C. I learnt that vinegar makes an egg rubbery and that food coloring colors the whole egg.
- D. I learnt that vinegar makes an egg rubbery and that food coloring does not color the inside of the egg.
- E. Write your conclusion if you did a different experiment.

I learnt that _____ _____
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## STEP 6: REPORT YOUR RESULTS

6. How can you share your results with others?

- A. I can post pictures or this worksheet on LMS.
- B. I can make a PowerPoint and share it with my teacher.
- C. I can post a video/pictures or this worksheet on Telegram.
- D. I can tell my teacher and friends about it.