

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 _____

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.