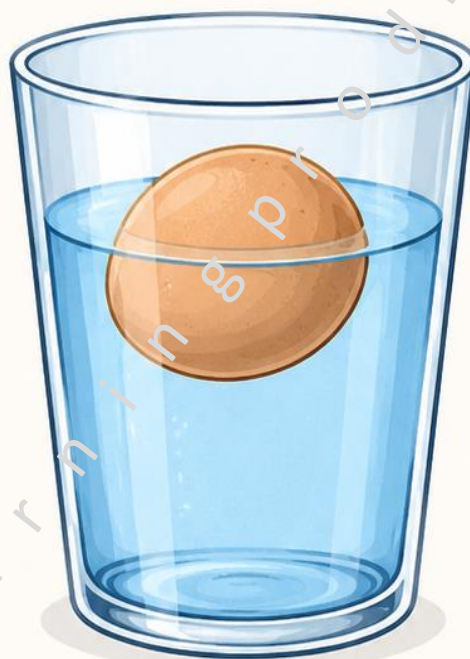


SCIENCE EXPERIMENT

FLOATING EGG

DISCOVER • EXPLORE • LEARN



Will the egg sink or float?

Let's find out through science!



Name : _____



Class : _____



Date : _____

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FLOATING EGG

Can you make an egg float?



I can FLOAT!



WHAT YOU NEED:



1 Egg

Water

Salt

Spoon

THE SCIENCE:

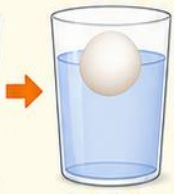
Salt makes the water denser. When the water becomes denser than the egg, the egg floats on top!

Normal Water

Salty Water



Egg sinks



Egg floats

STEPS:

1

Fill a clear glass with water.



2

Gently place the egg in the water.



What happens?
The egg sinks!

3

Add 2-3 tablespoons of salt to the water.



Stir until the salt dissolves.

4

Keep adding salt, 1 tablespoon at a time, and stir.



Keep trying!
You're getting closer!

5

Now gently place the egg in the water again.



Wow!
The egg floats!

TRY THIS!

- ★ Use less salt – the egg sinks.
- ★ Use more salt – the egg floats!
- ★ Find the perfect amount of salt that makes the egg just float.



OBSERVE & RECORD:

Record your observations as you add salt.

SALT ADDED (Tablespoons)	DOES THE EGG SINK OR FLOAT?	OBSERVATIONS
0		
1		
2		
3		
4		
5		
6+		

WHAT DID YOU LEARN?

- ✓ Salt makes water denser.
- ✓ Dense water can push up on the egg.
- ✓ When the water is denser than the egg, it floats!



TIPS FOR SUCCESS!



- ★ Add salt slowly and stir well.
- ★ Make sure the salt dissolves completely.
- ★ Use room temperature water for best results.

Science is amazing! ❤️





SCIENCE EXPERIMENT

FLOATING EGG

PREDICTION SHEET



A **prediction** is a smart guess about what you think will happen before you do the experiment.

Name : _____ Class : _____ Date : _____



WHAT IS OUR EXPERIMENT?

We will test whether an egg will sink or float in salt water.

MATERIALS WE WILL USE:

- Egg
- Water
- Salt
- Glass / Beaker
- Spoon



MY PREDICTION

1. What do you think will happen when we put the egg in plain water?

(Tick your prediction)



The egg will
SINK

☐

The egg will
FLOAT

☐

2. What do you think will happen when we add salt to the water and stir it?

(Tick your prediction)



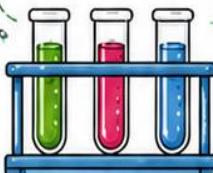
The egg will
SINK

☐

The egg will
FLOAT

☐

3. Why do you think this will happen?



Great Scientists make predictions
and discover amazing things!





SCIENCE EXPERIMENT

FLOATING EGG

OBSERVATION SHEET



Carefully observe each step of the experiment and record what you see.

Name : _____ Class : _____ Date : _____

MATERIALS USED:

- ☐ Egg
- ☐ Water
- ☐ Salt
- ☐ Glass / Beaker
- ☐ Spoon



BEFORE YOU BEGIN

Look at the egg.

What do you notice about it?



MY OBSERVATIONS

STEP	WHAT I DID	WHAT I OBSERVED (What happened?)	SINK OR FLOAT? (✓ SINK / ✓ FLOAT)
1 Placed the egg in plain water.	 Plain Water	_____ _____ _____	SINK / FLOAT (Circle one)
2 Added salt to the water and stirred.	 Salt Water	_____ _____ _____	SINK / FLOAT (Circle one)
3 Placed the egg in the salt water.	 Salt Water (with egg)	_____ _____ _____	SINK / FLOAT (Circle one)

AFTER THE EXPERIMENT

What changes did you notice?

What did you find the most interesting?



Great Scientists **observe** carefully,
record honestly and **discover** the truth!





SCIENCE EXPERIMENT

FLOATING EGG

RESULT SHEET



Name : _____ Class : _____ Date : _____

OUR EXPERIMENT QUESTION



We tested whether an egg will sink or float in salt water.

MATERIALS USED

- Egg
- Water
- Salt
- Glass / Beaker
- Spoon



FINAL RESULTS

STEP	WHAT WE DID	WHAT HAPPENED (Our Observation)	SINK OR FLOAT? (✓ SINK / ✓ FLOAT)
1 Placed the egg in plain water.	 Plain Water	_____ _____ _____	SINK / FLOAT
2 Added salt to the water and stirred.	 Salt Water (after stirring)	_____ _____ _____	SINK / FLOAT
3 Placed the egg in the salt water.	 Salt Water (with egg)	_____ _____ _____	SINK / FLOAT

CONCLUSION

What did we find out from our experiment? Write your conclusion.



DID OUR RESULT MATCH OUR PREDICTION?

- ☐ Yes, our result matched our prediction.
- ☐ No, our result was different from our prediction.
- If different, what surprised you the most?



WHAT WE LEARNED

What is the science behind the result?



Observe carefully. Record honestly. Discover the truth!





SCIENCE EXPERIMENT FLOATING EGG REFLECTION SHEET



Name : _____ Class : _____ Date : _____



THINK ABOUT YOUR EXPERIMENT!

Science is all about asking questions, making observations, and learning from our experiences. Take a few minutes to reflect on what you discovered.

1 WHAT DID YOU LEARN?

What did you learn from this experiment?

2 WHAT WAS THE PURPOSE?

What was the purpose of this experiment?

3 WHAT HAPPENED?

What happened to the egg in plain water?

What happened to the egg in salt water?

Why do you think this happened?



4 WHAT SURPRISED YOU?

What surprised you the most in this experiment?



5 IF YOU COULD DO IT AGAIN...

What would you do differently next time?



6 REAL LIFE CONNECTION

Where in real life do you think density (sink and float) is important? Give an example.



7 HOW DO YOU FEEL?

Colour or tick the face that shows how you feel about this experiment.



Excited!

☐

Happy

☐

Okay

☐

Confused

☐

Need more practice

☐

ANYTHING ELSE YOU WANT TO SHARE?

Write or draw anything else about your experiment.



Reflection helps us **learn** and **grow**.

Great Scientists always keep **wondering** and **discovering**!

