

Elementary STEM Activity 1

Subject: Science (Basic Physics)

Topic: Floating or Sinking?

Grade Level: 1-3

Objective:

Students will predict and observe which objects float or sink and explain why.

Learning Outcome:

- Understand floating and sinking
- Develop observation skills
- Practice prediction and recording results

Materials Needed:

- Bowl or bucket of water
- Stone
- Leaf
- Coin
- Plastic spoon
- Piece of paper
- Small toy (optional)

Activity Steps:

1. Show students the objects.
2. Ask them to predict: Will it float or sink?
3. Fill a bowl with water.
4. Place each object into the water one at a time.
5. Observe what happens.
6. Record results in a simple table.

Recording Table:

Object	Prediction	Result
Stone	Float/Sink	
Leaf	Float/Sink	
Coin	Float/Sink	
Spoon	Float/Sink	

Discussion Questions:

- Which objects floated?
- Which objects sank?
- Why do some objects float?
- Why do heavy objects sometimes sink?

Extension Activity:

Ask students to test 3 objects at home and report findings in class.

Illustration:

Float / Sink Test

