

# 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

