



Rainy Day Experiment – Float or Sink?

Objective:

By the end of the activity, pupils will be able to:

- use simple English to predict outcomes (float/sink)
- describe objects using basic vocabulary
- record and present findings in groups
- communicate ideas clearly in spoken and written form

Materials needed:

- Large clear container or tub filled with water
- Small objects (e.g. bottle caps, paper boats, coins, rubber balls, small stones)
- Worksheet for predictions and results
- Marker pens

Instructions:

- 1 Divide pupils into small groups (3–4 pupils per group).
- 2 Each group chooses 5 different objects from the collection.
- 3 Pupils discuss and write predictions using English sentences (e.g. *'I think the coin will sink.'*).
- 4 Test each object by placing it gently into the water.
- 5 Observe carefully and record the results as 'float' or 'sink'.
- 6 In groups, pupils discuss:
 - Which objects float or sink?
 - Why do they think this happens? (use simple ideas like heavy/light)
- 7 Each group presents their findings to the class using simple sentences.

Outcome:

By the end of this activity, pupils can:

- use basic English to make predictions and describe results
- improve speaking and writing through group collaboration
- present simple findings confidently to the class
- develop observation and reasoning skills through STEAM-based learning