

Float or Sink?



The following science-based activity is designed to be adult guided

You will need:

- Some safe objects from around the house like a metal spoon, a building block, a ball of rubber bands, a bar of soap, an eraser, a toy ball or boat, or a piece of fruit.
- A large bowl or a kitchen/bathroom sink filled with water.
- A notebook or piece of paper.
- A crayon.

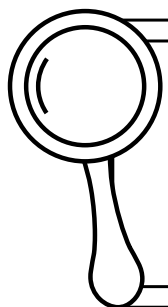
Let's Investigate!

1. Collect the objects and draw a picture of each one in your notebook or on a piece of paper.
2. Form a **hypothesis** - Which ones will sink or float? What are your reasons why?
3. Fill a bowl or sink with water and experiment by placing each object, one at a time into the water.

Observe & Discuss!

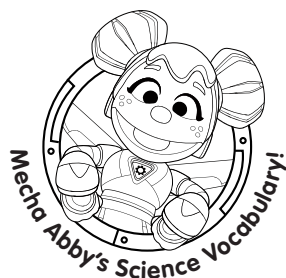
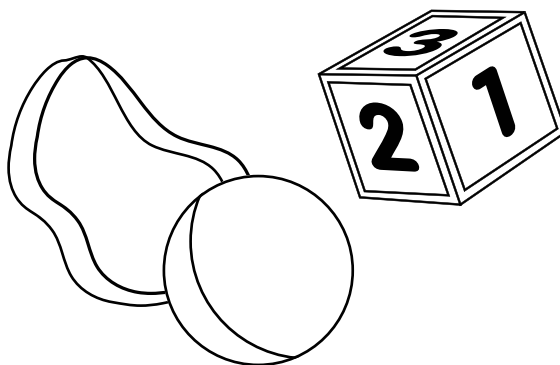
Which objects floated? Which ones sank? Was your hypothesis correct? Were you surprised when something you thought would float sank?

4. Look at your notebook, paper and circle all the objects that floated and count them.
5. Look at your notebook and pick out one thing that sank and one that floated.



What do you **predict** will happen if you used a rubber band to put them together? Do they still float? Do they still sink?

Time to unleash the power of investigation!
Try it and let's observe what happens!



Predict

To use a little bit of information to guess what will happen next.

Hypothesis

An idea about what could happen and why.

Investigation

A thorough search of the facts.

Early Learning Goals:

Communication and language, Personal, Social and Emotional Development, Understanding of the World, Expressive Arts and Design.

Year 1 (National Curriculum) - working scientifically.