



Float or Sink?

Experience

Fill a container up with cold water. Choose a variety of waterproof objects/toys of various sizes, textures and materials, and weight (metal, wood, plastic etc.)

Line up your chosen objects/toys for your child to view. Before you invite your child to place an object in the water, ask them to choose an object and predict if it will float or sink.

Encourage them to place the object in the water and see if their prediction was correct.

Children will want to repeat this process, and may want to choose their own items to test.

Learning benefits

- Increase problem solving abilities
- Increase awareness of density and buoyancy concepts
- Language development: float, sink, heavy, light, density



10 mins



3 - 5 years

Materials

Plastic bowl/container
Water
Small Objects/toys

Hints and Tips

Indoors or outdoors

If indoors, place bowl/container of water on a tray to catch any spills.