

Pre-school

Float or Sink?

YOU WILL NEED

- Medium sized tub of water
- A variety of waterproof objects from around the house



WHAT TO DO

Encourage your child to place objects in water to explore whether these sink or float. As the activity progresses you can encourage them to consider the properties of objects that float and those that sink, using their observations to make predictions about other objects. You could ask older children to make, write or draw their findings.

Tip: Try putting an unpeeled orange in water, then peel it and see how this changes the outcome! Or try putting an egg in tap water, then adding salt to the water and see what happens.

LEARNING & DEVELOPMENT

This activity will support the development of children's higher thinking skills through encouraging them to make observations and apply their knowledge and experience when making predictions.

Encouraging the children to write/draw their findings also enhances their literacy development. This activity also provides fantastic opportunities for you to extend your child's vocabulary, through introducing words such as buoyancy, theory, observation, experiment and hypothesise.