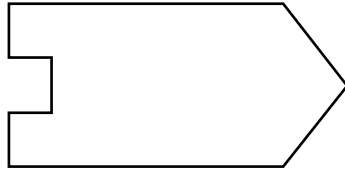




Soap Powered Boats

Experience

Invite your child to cut a shape like the one pictured out of cardboard. Note: Younger children may need assistance.



Encourage them to fill a large bowl or tub with clean water. Your child can then place their boat in the tub so that it is floating on the water. Ask your child what they think will happen when they add some liquid soap. Invite them to put one drop of dish soap into the notch at the back of the boat. Watch your boat zip across the tub!

Learning benefits

- Cause and effect (Science)
- Designing and making (Science and technology)
- Increase vocabulary through discussion



15 - 20 mins



3 - 5 years

Materials

Cardboard
Scissors
Tub of water
Dishwashing liquid

Hints and Tips

Experiment by making your boat different shapes and sizes and by using different materials.

Do different types of soap work in the same way? (E.g. laundry detergent, bubble bath)

Wash the boat and replace the water to repeat the experiment