

In the Boat Together

Create Waves

Materials:

- ♦ clear glass bowl or aquarium
- ♦ water
- ♦ talc powder



Method:

- ♦ Fill the bowl with water.
- ♦ Sprinkle talc powder on the surface of the water.
- ♦ Children can take it in turns to blow gently across the water surface to create waves and currents.
- ♦ In a similar way waves and currents are created in the ocean and lakes by the wind.

Did you know?

- ♦ The larger your container the bigger the waves you will get as you blow across the surface of the water. The size of waves is determined by the distance of open water the wind is blowing across.



This is why Hawaii, which is surrounded by open water, has the biggest waves.

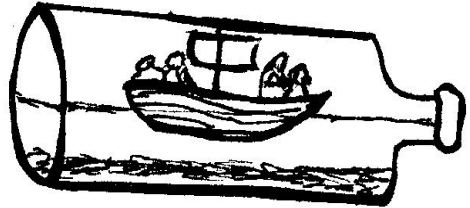
Wave Science

There are several Bible stories about boats and storms. Here are some science activities about water and waves.

Use also on **July 26:**
God's abundant presence
John 6:16-21

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Wave Bottle



Materials:

- ♦ empty plastic water bottle for each child
- ♦ water
- ♦ blue food colouring
- ♦ cooking oil
- ♦ picture of a fishing boat from Jesus' time
- ♦ permanent textas

Method:

- ♦ Drop a few drops of blue food colouring and cooking oil into the bottle. Add water to half-fill the bottle.
- ♦ Screw the cap on the bottle tightly.
- ♦ Paste the picture of a boat onto the far side of the bottle so it can be seen through the water.
- ♦ Alternatively, children can draw their picture onto the front of the bottle.
- ♦ Let the children tip and roll their bottles to make waves.
- ♦ *Variations:*
 - Add some sand to the bottle for the ocean/lake floor
 - Add some glitter to the water

Draw some disciples in the boat.

