

**Beech Class  
Spring 2023  
Water, water  
everywhere!**



Make your own boat with different materials you can find. Does it float or sink?

Visit your local beach. How many different shells can you find?

Make an observational drawing of a shell you collected

Explore whether different household items float or sink.

Make a seaside picture using a variety of resources

Make your own rain gauge to put in the garden (see instructions on next page)

Sketch a picture of the Titanic

Find out about animals that live in the sea

Conduct an exciting ice experiment (see next page)

Dig deep and complete your jigsaw with courage, compassion and creativity.

# Make a Rain Gauge



### Supplies

- An empty plastic bottle (2 litre fizzy drink bottle would be ideal)
- Sellotape
- Ruler
- Paper
- Scissors
- A pencil

### Instructions

1 Cut around the plastic bottle about 10cm from the top.



2 Turn the top part of the bottle upside down and place it inside the bottom part - fix it in place using the tape.



3 Make a scale in centimetres on a piece of tape, using a ruler, and fix it to the side of your bottle. You could sellotape a spare ruler on the side if you have one.



4 Find a place outside to put your rain gauge. It must be open and away from trees.



5 Dig a hole and bury your rain gauge so that the top is sticking about 5cm out of the ground. This will stop the rain gauge from blowing down on windy days.



6 Check the rain gauge every day at the same time, measure the amount of rain collected, and empty the bottle.



# Sticky Ice

## Science Experiment



### Method

1. Children are to put on their gloves.
2. Put salt in one bowl, water in another bowl and the ice cubes in the third bowl.
3. Lay out a piece of string next to the bowls.
4. Put some ice cubes in the bowl with the water.
5. Challenge the children to see if they can lift a piece of ice from that bowl using only the string.
6. After several attempts, pass them the bowl of salt ('magic powder').
7. Ask them what they think will happen if they sprinkle the salt onto the ice.
8. Place the string over the ice and sprinkle the salt over the string.
9. Count together to 60, then carefully lift the string up by each end.
10. Hey presto! The ice cube is stuck to the string!

### You will need:

Gloves

Ice cubes

Water

String

Salt

3 bowls

