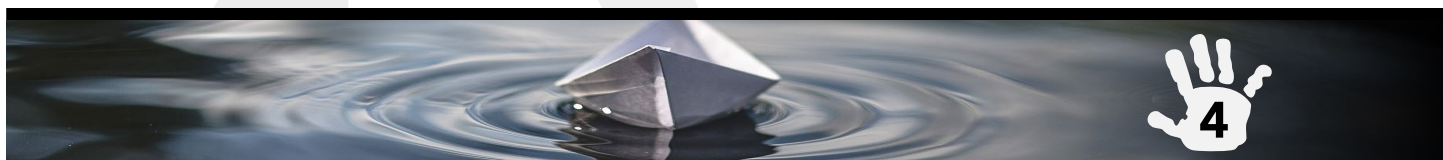


## Activity A2a: Will it float?



**Before** the test, **predict** which will float

Floaters: \_\_\_\_\_

Sinkers: \_\_\_\_\_

Why do you think these pieces will float? \_\_\_\_\_

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Why do you think these pieces will sink? \_\_\_\_\_

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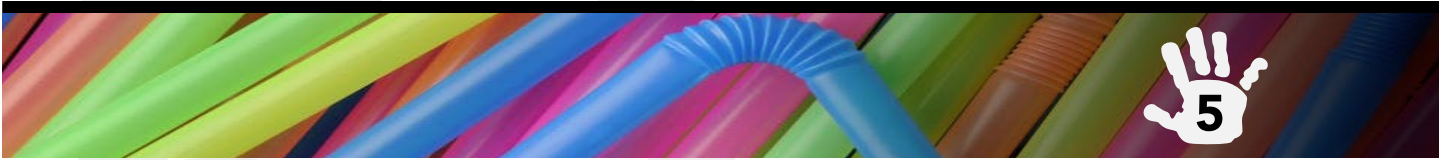
### TESTING THE PIECES

1. Half fill a jug with water.
2. Put all the pieces beneath the water, let go, and record which float and sink.

Pieces that float	Pieces that sink

3. Add a teaspoonful of salt to the water and stir until the salt dissolves.
4. Keep adding a teaspoonful of salt and stirring until one piece of plastic rises.

## Activity A2b: Our Results



Draw or stick each piece of plastic on this picture in their positions at the end of the test.

Expanded polystyrene floats.  
Polythene floats.  
Polystyrene floats in a water and salt mixture.  
PVC sinks.

You can now name 2 of the 4 plastics. Which ones are they?

Write the names in two of the spaces below:

1 is \_\_\_\_\_

2 is \_\_\_\_\_

3 is \_\_\_\_\_

4 is \_\_\_\_\_