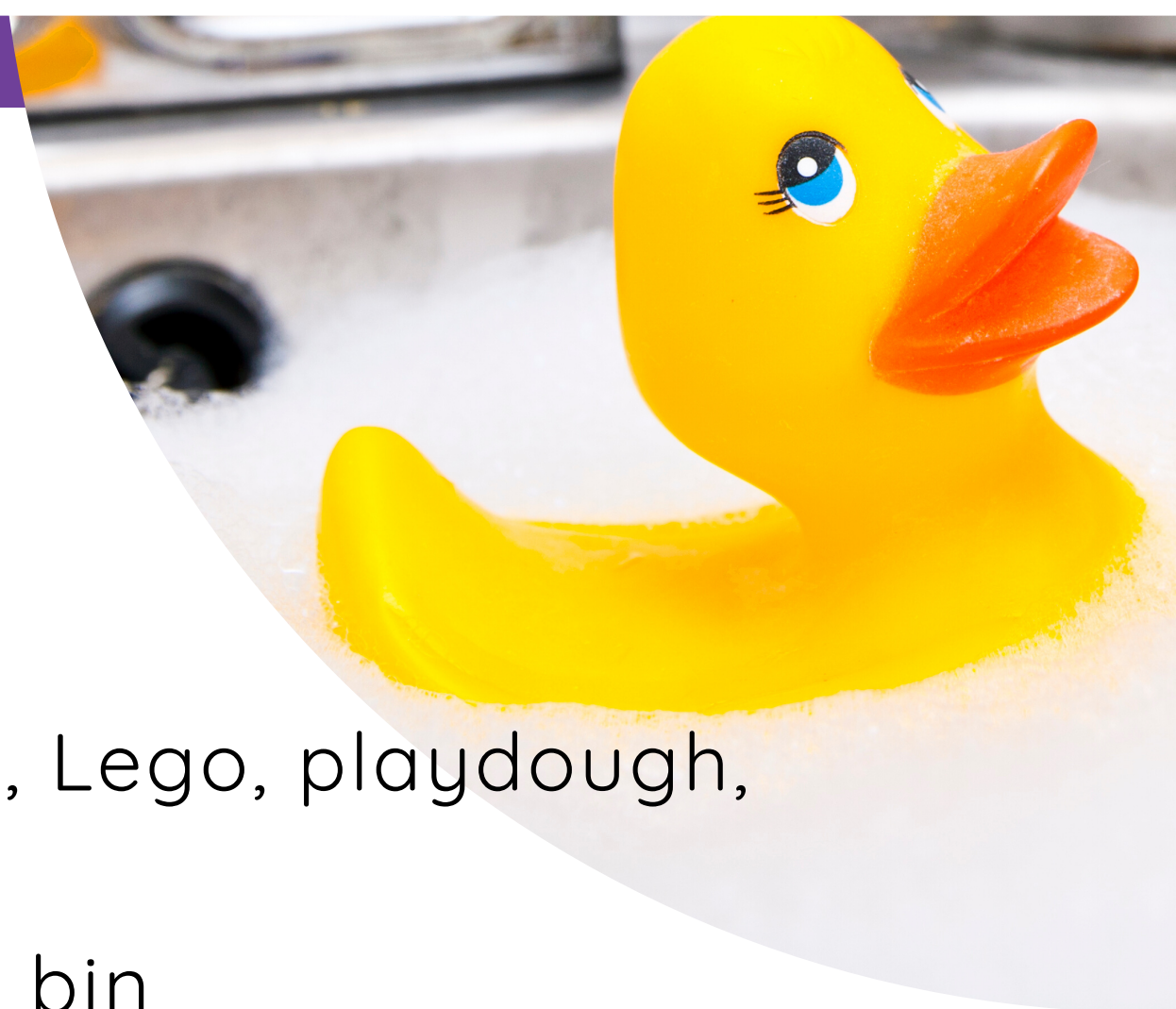


# Athlone Education Centre School Challenge

## Floating and Sinking



### Materials

- Plastic bottles, cardboard, tinfoil, Clingfilm, Lego, playdough, masking tape, pegs, wool, twine
- Try and use materials from your recycling bin
- Weighing scales
- Bath tub or a big basin of water
- Weights could include: Lego people, Barbies, Action men, small dolls (keep track on how much they weigh)

### Method

- Build a boat using the materials above. Have a good look around the house to see what might work as a good material. It can be as big as you like once it can fit in the bath tub or a basin outside.
- Put your boat to the test and see will it float. Take a picture of it floating.
- Once your boat is floating, start adding your choice of weights, to the boat. Remember to keep track of how much weight you are adding to the boat. Estimate first and then check to see if your estimate was close.
- Take a few pictures as you go along and a little log of what you used and how it worked.

SHARE YOUR RESULTS ON TWITTER AND USE  
#AECSchoolChallenge



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