

## Thursday 2<sup>nd</sup> July – Community Challenge

### Sink the boats



**You will need: tin foil, coins**

**Instructions:**

**Construct a boat with tinfoil**



**Check the boat floats.**

**Once you are happy the boat floats add coins slowly to find out how many coins it takes to make it sink.**

**Try spreading the coins out for the first attempt and then try again but place all the coins at one end.**

**You could repeat the experiment, but this time use different sized foil boats. Do smaller boats sink with fewer coins?**

**You could make boats from recycled materials and work out how much weight it takes to make each one sink.**



**Once you have finished with the coins, here comes the community bit of today's challenge. Why not donate them to a charity of your choice. You could even start collecting odd coins in your boat, and when it is full give the coins to your chosen charity.**

