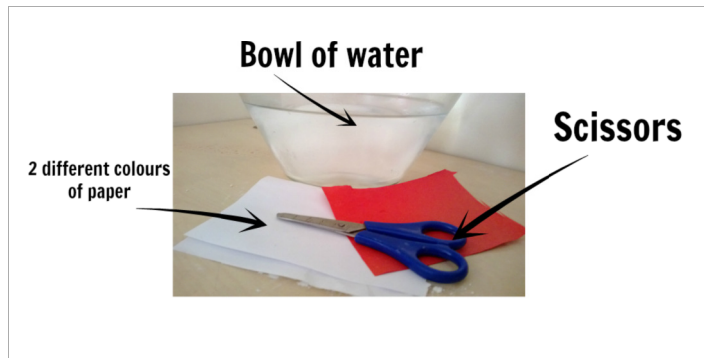


# Walking on Water

You will need:



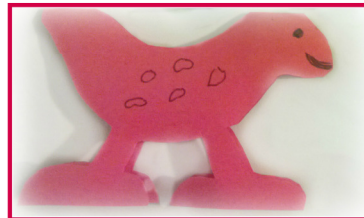
1. Fold a piece of paper in half lengthwise and draw a picture of the dinosaur with small feet. The dinosaurs back should be on the folded side. ☒



2. Cut out the dinosaur, make sure you leave the top, folded side uncut so that you can fold it out. ☒

3. Fold it out and put in the water. What happens? ☒

4. Draw the same dinosaur but this time with big feet - the bigger the better and cut it out. ☒



5. Fold the feet outwards. Stand it on your table to make sure all the feet are flat and then put this dinosaur in the water. ☒

What happens this time?



## TELL ME WHY....

By increasing the size of the feet, the dinosaur's weight is being spread out over a larger area so it floats.

## KEEP ON EXPERIMENTING...

The same principle can be demonstrated in lots of ways, if you are very brave you can stand on a carton of eggs as long as your weight is spread out evenly.

DO TRY THIS AT HOME



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