



Floating and sinking

We looked at a variety of objects made of different materials and first made predictions on whether we thought they would float or sink. Then we got to test them and found a few surprises!



Which material is best for a road?

We investigated a variety of materials to see which one allowed the cars to drive freely down the ramps. We tested grass, bubble wrap and wooden road planks. The bubble wrap kept making the cars get stuck, the grass made them slide too quickly. The wooden road was the best and allowed the cars to drive down well.



Can we transfer colour?

We used kitchen roll and food colouring. We left it for a little while and then found that after the colours had transferred onto the kitchen roll!

Which type of paper makes the best aeroplane?

We investigated using different sized, colour and thickness of paper to see which planes could fly the furthest. It was a little tricky making the aeroplanes as we had to fold them carefully. But we found that the BIG paper wasn't very good and was too heavy, the colour of paper made no difference at all, and that the ones made of printer paper flew the furthest!

