

Starters for Science are 4 activities that parents can use at home to help children develop their science alongside the key learning and vocabulary children are using at school. The activities are easy to resource and provide children with the stimulus to learn and talk about their science topic. Encourage children to use the correct vocabulary as they talk about what they are doing and finding out. Don't forget to share your work on social media

#ScienceFromHome

Key Learning:

Some things float in water and some things sink. We can sort these objects.

A magnet will be attracted to certain other materials, those that contain iron. We can use a magnet to find magnetic materials.

Lots of things can affect how far a car will roll when released down a ramp. The heavier the car, the larger the wheels, the freer the wheels roll and the surface that the cars are rolling on all affect how far it will travel.

When we place an object in front of a light source it will make a shadow behind it.

Questions:

What is the same?
What is different?
Tell me about
Let's explore
Let's find out
Shall we try

Vocabulary:

move
movement
surfaces
forces
push
pull
magnet
roll
travel
shadow

Floating and sinking

What can you find in your house that sinks in the bath? Are there things that float? What do you notice? Can you sort them.

Magic magnets

Have you got a fridge magnet? What sorts of things in your house are attracted to it? Can you sort them?

Rolling cars

Find some wheeled vehicles in your home and create a ramp for them to roll down. You could angle a book on top of another book? Now roll the vehicles down the ramp. Which one went the furthest? Why do you think this was? Can you make a taller ramp? Do the vehicles go further now?

Shadows

What shadows do your toys make? Can you draw around the shadows with chalk? Do they look the same as the toy?