

Learning Projects- Half Term





SCIENCE

Activity 1 **Colourful Dancing Milk**



With only 3 ingredients this is a great way to create magical art! Click the link below and follow the instructions using simple ingredients found around the house.

Colourful Dancing Milk

What's the Science behind it? Is it just soap that has this effect? Does shampoo work? What about moisturiser?

Activity 2 How do plants drink water?



Have you ever wondered how plants drink water? Where does the water go? Grab a pack of celery and some food colouring and we can show you by clicking on the link below!

How do plants drink?

What's the Science behind it? Does it take longer for water to travel up a lengthier piece of celery?

Activity 3

Why do we need to use soap now more than ever?



Everyone is telling to wash our hands lately but why? This is a great experiment to show your child how effective soap can be to get rid of all those nasty germs on your hands.

Wash those hands!

What's the Science behind it?

Can you capture your experiment on seesaw?

Activity 4 **Humpty Needs Help!**



Humpty Dumpty is ridiculously clumsy, can you design something that will protect him the next time he falls over? Think about what you could use from around your own home.

Activity 5 **Balloon Car Races**



Build a race car out of cardboard, straws and a balloon and investigate physics, engineering and motion!

Humpty Needs Help!

Can you increase the height

humpty is dropped from?

Does it make a difference?

Get step-by-step balloon car racer instructions from ExpeRimental

What's the Science behind What's the Science behind it?

The **SLOMO** option on your camera will be great for recording!

SCIENCE IS LIKE MAGIC, BUT REAL!