

STEM Home Learning Activities for P1/2



Find six things that are held together with screws. Pick one and use a screwdriver to look inside.

What do I need?
Screwdriver

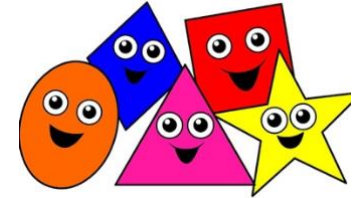


What happens if you mix oil and water together?

What do I need?
Water, vegetable oil, see-through glass

Go on a shape hunt. Which is the most common shape found within your house?

What do I need?
Paper, pen



Using a stop motion app ("Stop motion Studio" but any app will be fine) and using a few different objects or toys, create a stop motion movie.

What do I need?
Tablet/Smart phone, Stop motion app, toys

What happens if you mix corn-starch and water? Try it out and see! Is it a solid or a liquid?

What do I need?
Corn-starch, water, bowl

Do batteries really power the world? Go on a scavenger hunt around the house to find things powered by batteries.

What do I need?
Camera, paper, pencil



Plant some seeds and watch them grow. Keep a diary on what happens every day and how you have helped your plant grow.



What do I need?
Paper, pencil, camera (optional), seed (apple seed from core would suffice), mud, water, yoghurt pot.

Make your own playdough!

[Instructional video](#)

What do I need?

Plain flour, salt, water, food colouring optional

Sort your toys into different categories and ways you play with them.

Categories can include: "push" "pull", "requires batteries", "doesn't require batteries"

What do I need?

A variety of toys



Investigate the properties of water – what happens if I put water in the freezer? What happens if I leave ice out for a little while?

What do I need?

Water
Freezer

Go outside in your garden at night and look at the night sky. Keep a diary of how the moon changes over a week.



What do I need?

Paper
Pencil

Make your own musical instrument using a tub and some rice or beans

What do I need?

Plastic tub
Rice or beans

Make a waterproof pirate ship which floats. What is the best material to use?

What do I need?

Variety of different materials (paper, tinfoil, cardboard, clingfilm etc.)



Make a homemade bird feeder and watch the birds every day as they come to visit.

[Instructions on How to Make a Bird Feeder](#)