

Lesson 2 Wb 27/04/20 Forces – Gravity

This week we are going to be looking at the force of gravity. First, you are going to complete these experiments and think about what is happening to the objects.

Experiment 1

Choose a selection of objects from around your home, for example, a pencil, book, rubber, cushion. What do you think would happen if you dropped these objects?

Let's find out!

Drop each object from a height. What has happened? Can any objects move upwards?

Experiment 2

Fill a container with water. Now pour the water from one container to another. Which direction does it flow? Why? Can you make the water go upwards using any apparatus?

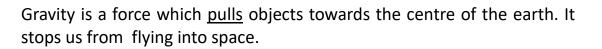


Experiment 3

Jump up and down. Are you using a push or a pull to move off the ground? Why do you not end up in space?

Why did all the objects move downwards?

Gravity!



<u>Task:</u>

Watch the video of these skydivers. Why are these people falling to earth? Why don't they stay still? <u>https://vimeo.com/29017795</u>

