



Forces – Gravity

Experiment 1

Let's find out!

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!



Gravity is a force which pulls objects towards the centre of the earth. It stops us from flying into space.

Task:

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

