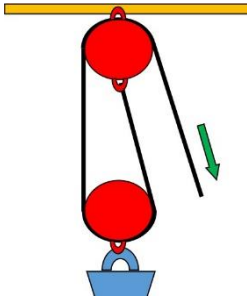


In Science we are learning about:

Forces in Action



Key Vocabulary

forces
gravity
weight
mass
friction
air resistance
water
resistance
buoyancy

streamlined
mechanism
levers
cogs
pulleys
push
pull



What I already know:

Prior knowledge quiz, my score out of 14.

/14

What I want to find out:

What did I learn?

At the end of this unit you will:

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.
- Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.

You will work Scientifically by:

- Planning different types of scientific enquiry to answer questions, including recognising and controlling variables where necessary.
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.
- Reporting and presenting findings from enquiries including conclusions, casual relationships and explanations of and degrees of trust in results, in oral and written forms such as displays and other presentations.
- Using test results to make predictions to set up further comparative and fair tests.

