

FORCES

Important information

To learn types of forces such as gravity, friction, water resistance and air resistance.

The use of mechanisms such as levers, gears and pulleys. Identify forces and find out about Isaac Newton and his discoveries about gravity, completing a comprehension about his life and his work.

Look for patterns and links between the mass and weight of objects, using newton meters to measure the force of gravity. Investigate air and water resistance.

Questions to think about

What are forces measured in?

Forces can cause objects to change what?

What is a force?

In which direction does gravity exert force?

KEY VOCABULARY

Gravity

force

effect

move

accelerate

decelerate

stop

change

spring

Galileo Galilei

Isaac Newton

Air resistance

Friction

Water resistance

Surface

Direction

brake

mechanism

pulley

gear

theory of

gravitation