

Science: Forces and magnets Y3 T5 & 6

Learning link

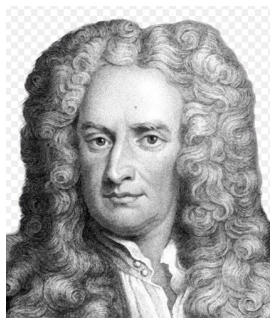
How do you close a door? How do you open a door?

How easy is it to slide across a shiny floor in your socks? What happens if you put trainers on and do the same? Do you have any magnets at home?

Sir Isaac Newton (1643–1727)

An English scientist and mathematician famous **for discovering gravity**.

Gravity is the force that makes objects fall towards the ground.



Vocabulary

push	A force that moves some thing away from you.
pull	A force that moves something towards you.
friction	A force that slows things down when two surfaces touch.
repel	Push away
attract	Pull towards
magnet	Magnets can attract some metals. All magnets have a north and south pole.

Practical

You will experiment to prove/disprove the following statements:

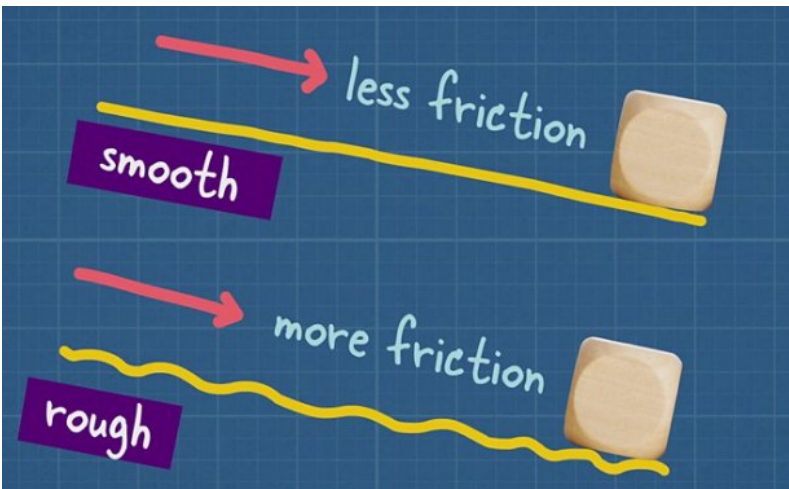
Friction affects how things move on different surfaces.

Friction can stop and slow down objects from moving.

Some metals are attracted to a magnet.

Magnets can attract or repel each other.

Diagrams



Magnetic materials



Non-magnetic materials



North and south poles

