

Science Cycle B Y5/6

Forces (Y5)

Lesson 1

What are the different forces that can act on an object?

gravity
gravitational
pull

Lesson 2

How does the force of gravity act upon unsupported objects?

Newton (Y3)
Isaac
Newton
Ibn al-
Haytham

Lesson 3

What are the effects of friction on a moving object?

friction

Lesson 4

What are the effects of air resistance?

aerodynamics
air resistance
accelerate
surface area
Galileo

Lesson 5

How does the shape of an object affect the amount of water resistance it generates?

resistance
buoyancy
up thrust

Lesson 6/7

How do mechanisms such as gears levers and pulleys work? [Link to DT mechanical systems](#)

friction (Y3)
levers pulley
gear pivot
fulcrum
cogs

Lesson 8
Assessment

What will we be learning about over the coming weeks?