

P.E

Tennis

English

Text: The Mountain Book, Varjak Paw, Esio Trot

- To secure sentence construction by understanding components of a sentence (subject, verb, object, complement).
- To extend sentences using conjunctions.
- To write an informative leaflet about Bethany Junior School.
- To build suspense in narrative writing.

Art and Design

Modroc - 3D models – Sculpture

- Manipulate materials to make a new 3D form e.g. human figure.
- Use covering materials such as Modroc or modelling clay to create 3D models.

Geography

North America

- Topography.
- Different countries within the Continent.
- Famous geographical features.

MFL



Year 5

Summer 1

R.E - Sikhism

- Are Sikh stories important today?
- Explore the importance of the Guru Granth Sahib.

P.S.H.E (Relationships)

- Recognising personal qualities and the importance of self esteem.
- Understanding boundaries with on-line gaming.
- Using technology sensibly.

Maths

- To solve word problems and use the inverse.
- To consolidate multiplying a four digit number by a two digit number.
- To consolidate dividing a four digit number by a one digit number with remainders.
- To add a subtract mixed numbers.
- To multiply fractions.
- To find fractions of an amount.
- To find equivalent fractions, percentages and decimals.

Forces

Gravity

- Gravity is a non-contact force that pulls all objects towards each other.
- Objects with a greater mass will have a greater gravitational pull.
- Weight is a force and is measured in newtons (N).
- The weight of the object depends on the gravitational pull. So, objects on the Moon will have a smaller weight than the same object on the Earth.

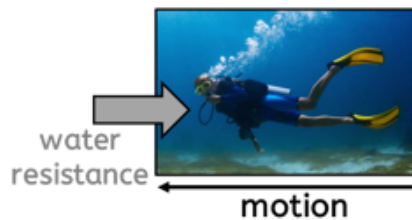


Key vocabulary

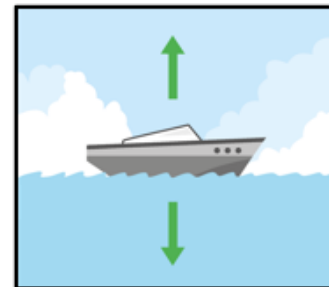
- **friction:** (noun) a force that acts to slow a moving object down, or to prevent an object from moving.
- **mass:** (noun) the amount of matter an object is made from. It is measured in kg.
- **upthrust:** (noun) an upwards force that a liquid (and a gas) exerts on an object floating in it.
- **load:** (noun) the weight (the force) that is being moved.
- **pivot:** (noun) the point at which something turns.

Frictional forces

- Air resistance and water resistance are both examples of frictional forces. Both forces act to slow objects down.
- Increasing the surface area of an object will increase the impact of these forces on the object.



Floating and sinking



When upthrust (an upwards force in a liquid) is equal to the weight of the object in the liquid, the object will float.

Levers, pulleys and gears



- Levers, pulleys and gears are simple machines that allow a smaller force to have a greater effect.

