

Parent Overview

Year 3/4 MTP
26/27

Autumn 2

Home Learning

- **Please read as often as possible. Children will have a 'pleasure for reading' (library) book each week and a school reading book too.**
- **Times Table Rock Stars**

Maths

Number: Addition and Subtraction

Vocabulary: column, addition, column, subtraction, digit, estimate, exchange, hundred(s), inverse, crossing the 10, crossing the 100, efficient, inverse, round, thousand(s)

Multiplication and Division

Vocabulary: commutative, inverse, multiple, product, remainder, scaling, factor, factor pair, inverse, triple, efficient

English

Writing & Spelling

Literary Theme: Dreams & Desires
Key Text: The BFG
Main outcome: Own version narrative (fantasy)

Whole Class/ Guided Read

Key text: The BFG

Class Reading Book

The Witches by Roald Dahl

Design Technology

Mechanical systems: Pneumatic toys

Key knowledge:

- *How mechanisms work.*
- *A mechanical system can allow us to move something more easily.*
- *Mechanical systems are often hidden in products to make them look more appealing.*
- *Pneumatic systems can be found in everyday objects.*
- *Pushing air can be used to move a mechanism.*
- *Pivots can be used to create more movement in a mechanical system.*
- *A combination of mechanisms can improve a product.*

Vocabulary: diagram, evaluate, feedback, housing, linkage, mechanical system, mechanism, pivot, pneumatic system, thumbnail sketch

Geography

Who lives in Antarctica?

Unit outcomes:

- *Describe lines of latitude and longitude, giving an example.*
- *Define climate zones, giving an example.*
- *Describe Antarctica's position in the far south and its polar climate of ice sheets, snow and mountains.*
- *Describe tourism and research as the main reasons people visit Antarctica and list examples of research done there.*
- *Plot four figure grid references where the vertical and horizontal lines meet and begin to recall the eight points of a compass, following at least four of them.*
- *Describe a similarity and a difference between life in the UK and life in Antarctica.*

Vocabulary: climate zone, compass points, drifting ice, hemisphere, ice sheet, ice shelf, iceberg, lines of latitude, lines of longitude, treaty

Computing

Programming- Sequencing sounds

Key skill:

To create a sequence of commands to produce a given outcome

Vocabulary: sequence, algorithm, code, sprite

Music

Musical Motifs: Reading the stave

Key skills:

- Name and play the notes C to G using the stave.
- Perform a motif in a group

Vocabulary: composition, motif, stave, motif, pitch

PSHE

The online world: How should we communicate online?

Unit outcomes:

- *Identify what the internet can be used for.*
- *Identify the benefits and challenges of online and in-person communication.*
- *Communicate respectfully and appropriately in an online environment.*
- *Recognise that disrespectful online communication can have a negative impact on others.*
- *Identify some types of online bullying behaviour.*
- *Choose whether to accept a friend request in an online game.*
- *Recognise that some online features are not suitable for all ages.*
- *Role-play how to report concerns about bullying, upsetting content or contact from strangers online to a trusted adult.*

Vocabulary: age restriction, anonymous, block, communicate, report, respect, respectful, screenshot

Science

Materials: States of matter

Unit outcomes:

- *Identify solids, liquids and gases using their properties.*
- *Describe melting, freezing, condensing and evaporating.*
- *Describe the different stages of the water cycle.*
- *Describe how temperature affects the rate of evaporation and, therefore, the water cycle.*
- *Work scientifically: ask questions, draw diagrams, make predictions, research using more than one source, use results to draw relevant conclusions, use thermometers to take accurate measurements.*

Vocabulary: boiling point, climate change, compress, condensation, condensing, condensing point, drought, evaporating, evaporation rate, flood, force, freezing, freezing point, gas, gaseous, liquid, matter, melting, melting point, precipitation rate

RE

Islam: Prophet

Why do Muslims call Muhammad the 'Seal of the Prophets'?

Vocabulary: Prophet, mosque, Muhammad, Shahadah

PE

Dance

Skills: actions, dynamics, space, relationships

Vocabulary: action, reaction, canon, mirror, unison, rhythm, formation, expression, flow