

Term 1 – Autumn

Year 3/4 Curriculum Map



English

In English this term, we will be using a book by Alice Kuipers titled Ice Quest.

“Bec’s dad has taken her on his latest scientific exploration of the North Pole. Bec hates the snow and cold, and she has already spent a year shivering in the icy landscape. Then Bec’s dad fails to return from his research trip one afternoon, and Bec is afraid. She sets out with her dog, Ice, to find her father, and discovers a magical winter wonderland amidst the vanishing glaciers...”



Writing opportunities:

Linked to the book: Weekly comprehension tasks based on each chapter, setting description, survival kits, postcards, diary entry, character profile comparisons, melting glacier report and a Walrus fact file.

SPaG: Word classes (noun, verb, adjective & adverb), expanded noun phrases, proper nouns, punctuation use, present continuous tense, verb & tense changes and SPaG linked to non-fiction writing which will be based around our History and Science units.

Key Vocabulary

- | | | |
|---------------|----------------------|-----------------|
| - Noun | - Full stop | - Present tense |
| - Adjective | - Capital letter | - Future tense |
| - Adverb | - Commas | - Heading |
| - Verb | - Apostrophes | - Sub-heading |
| - Conjunction | - Question marks | - Edit |
| - Noun phrase | - Present continuous | - Comprehension |
| - Proper noun | - Past tense | - Retrieval |





Spelling

Spelling is a vital component required for successful writing, and it has many benefits.

Here are some reasons why spelling is important:

- Good spelling facilitates communication.
- Good spelling avoids confusion.
- Knowing the correct spelling of words helps us improve our writing skills and make sense of things that we read.
- Spelling helps us define certain things that we hear or say.



Your child will come home with a list of statutory spellings for their appropriate level of spelling or year group. This will be stuck in their Reading Journal. We will have highlighted the words that they are not currently spelling correctly following testing of these words. We would like for you to work on these words at home. We will constantly check in with these words and will tick them off when we are confident that the children know them. This list may run across the year or will be replaced by the next one.

Alongside this, your child will also come home with a new list of spelling words on a Monday linked to their spelling lessons. Please work on these throughout the week ready for a spelling test on the Friday – this will be in the form of a dictation task. We will send home their results on that Friday so you can see how they've done.

We really appreciate your support with this!



Year 3 Maths

In Maths this term, we will be covering the following:

Week 1: Setting up books, presentation, layout and Hotch Potches

Week 2: Number – Reading and writing in words and numerals; Place Value & Finding 10, 100 More/Less

Week 3: Addition & Subtraction - Mental +/- of HTU +/- 1s, 10s & 100s & Using Known +/- Facts

Week 4: Multiplication & Division -

Multiplication Facts Review from Year 2,

Multiplication Facts for 3, Multiplying by

Multiples of 10 & Dividing Multiples of Ten

Week 5: Measurement - Measuring Length, Metric Units & +/- of Length

Week 6: Statistics - Pictograms & Interpreting Pictograms

Week 7: Addition & Subtraction - Mental Strategies (+/-) & Written Methods (+/-)

Week 8: Review of the term

Year 4 Maths

In Maths this term we will be covering the following topics:

Week 1: Setting up books, presentation, layout and Hotch Potches

Week 2: Number – Reading and writing in words and numerals; Place Value, Counting On & Add/Subtract 10, 100, 1000

Week 3: Addition & Subtraction - Using +/- Facts, Mental +/- of Multiples 10, 100, 1000, Mental +/- of Two 2-Digit Numbers & Addition Pyramids

Week 4: Calculations - Written Method (+/-), Multiplication Facts Review & Multiplication Facts for 6

Week 5: Fractions - Equivalent Fractions, Counting in Fractions, Tenths & Hundredths & Fractions of Quantities

Week 6: Measurement - 12-Hour & 24-Hour, Units of Time & Time Problems

Week 7: Geometry - 2D Shapes & Triangles

Week 8: Review of the term

Times tables will run across the whole term, and we dedicate 1 teaching lesson for this every week.





Times Tables

Knowing the times tables (and their associated division facts) supports mathematical learning and understanding and those children who have a strong grasp of them tend to be more self-assured when learning new concepts.

Times tables are a vital component of all maths lessons, and it is therefore vital that all children learn up to 12×12 by Year 4.

Times tables will feature in our learning every day as well as dedicating one lesson a week to learning and practising them. However, it is vital that this is supported and encouraged at home too please.

Resources to Support

- TT Rockstars: <https://play.ttrockstars.com/>

- PurpleMash:

https://www.purplemash.com/#tab/home_v3/maths/times_tables_ma

You will find your child's login for both of these in the front of their reading journal
Supermovers Songs:

<https://www.bbc.co.uk/teach/topics/cnep90jwjj7t>

- Hit the button:

<https://www.topmarks.co.uk/maths-games/hit-the-button>

- A selection of games:

<https://www.timestables.co.uk/games/>

There are also lots of catchy songs on YouTube to help learn them.

Science

In Science this term, we will be learning about States of Matter. We will:

- Compare and group materials into solids and liquids
- Explore the properties of gases and identify some
- Observe that materials change state when they are heated or cooled
 - Research the temperature in degrees Celsius ($^{\circ}\text{C}$) at which materials change state
- Understand the process of evaporation

Key Vocabulary

- Solid
- Liquid
- Gas
- Process
- Compare
- Sort
- Properties
- Observe
- Heated
- Cooled
- Temperature
- Degrees Celsius
- Condensation
- Evaporation
- Melting
- Freezing
- Reversible
- Irreversible



History

In History this term, we will be learning all about Early Civilisations and their impact on the world. We will:

- Explore where and when the first civilisations began
- Find out about the first writing systems
 - Explore trade
 - Find out about mathematical understanding
- Explore the technology and inventions
- Explore the buildings and architecture

Key Vocabulary

- Civilisation
- Impact
- Timeline
- AD
- BC
- Chronology
- Cuneiform writing
- Ancient Egyptian hieroglyphics
- Shang Dynasty oracle script
- Trade
- Sumerians
- Predict
- Archaeological evidence



R.E

In R.E this term, we will be exploring Sikh Rites of Passage. We will be finding out about:

- Who Sikhs are and what they believe
 - Naming ceremonies
- Baptismal ceremony of Amrit
 - marriage ceremonies
- Funerals and beliefs on life after death

R.E Vocabulary

- Religion
- Sikhism
- Guru Nanak
- 'Naam Karan' ceremony
- Guru Granth Sahib
- Amrit ceremony
- 5 Ks

- Reincarnation
- Passage
- Baptism
- Wedding
- Funeral
- Beliefs



Personal Development

In P.D this term, our focus is on "Rights and Respect". We will explore:

- Who helps us stay healthy and safe
 - Your rights
- How we make a difference
 - Why pay taxes

P.D Vocabulary

- Rights
- Respect
- Safety
- Health
- Personal
- Emotional
- Social

- Physical
- Tax
- Difference
- Opinion
- Reason



Art

In Art this term, our focus is on plant art. We will:

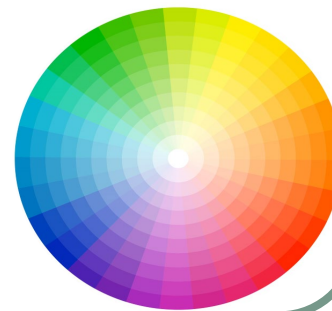
- Appreciate the work of different artists
- Develop observational skills
- Create tints, shades and tones of colours
- Develop printing skills
- Create sculptures using clay

Art Vocabulary

- Artists
- Appreciate
- Observe
- Sketch
- Draw
- Tint
- Shades



- Tone
- Colour
- Printing
- Texture
- Sculpture
- Clay



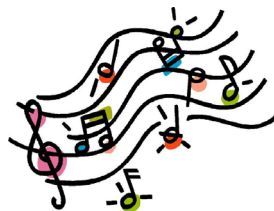
Music

In music this term, we are doing "This Little Light of Mine". We will:

- Improve with our voices
- Sing in a Gospel style with expression and dynamics
- Sing Part 1 of a partner song rhythmically
- Listen and move in time to songs in a Gospel style

Music Vocabulary

- Pentatonic scale
- Gospel music
- Off-beat
- Rhythm
- Call-and-response
- Progression snapshot



Computing

In computing this term, our focus is on Online Safety. We will:

- Look at phishing
- Begin to understand malware
- Look at plagiarism
- Understand healthy screen time

Computing Vocabulary

- Identity theft
- Digital footprint
- SPAM
- Plagiarism
- Malware
- Collaborative projects
- Technology

- Cookies
- Copyright
- Virus
- SMART rules
- Attachment
- Phishing



P.E

In P.E this term, we will be learning skills in Netball and Problems Solving .



P.E Vocabulary

- Team-work
- Court
- Third
- Goal attack
- Goal defence
- Goal shooter
- Goalkeeper

- Wing attack
- Wing defence
- Centre
- Pivot
- Co-operation
- Communication



P.E

P.E kits need to be in school on a Monday and will come home on a Wednesday after P.E. Please ensure that your child has warm clothes and appropriate outdoor footwear as we will be doing sessions outside each week.

Home Learning

Home learning will come home every Friday via home learning books.

Please complete work set in the book or on the sheets and return by the following Wednesday. There will be a Maths and English job – either grammar or reading. Spelling lists will be sent home on a Monday and are to be worked on over the week please.

Reading

Reading is so important therefore we would like to see a minimum of 5 reading entries across the week.

Please could you read with your child as much as possible and record in their journal as well as them writing their own comments and reflections.

Any reading can go in here, from a family story at night, recipes that you've looked at together, audio books that you've listened to etc. We will look through, and mark, the journals once a week to celebrate reading successes with your children.

Forest School:

This term, Mrs Cropper's class will take part in Forest School sessions on a Tuesday afternoon. Please can children have appropriate outdoor learning clothes in school for their sessions – including waterproofs and wellingtons.

