

Year 4 Knowledge Organiser – Summer term

Maths

- Re-visit Fractions
- Re-visit Roman Numerals
- Count backwards through zero to include negative numbers
- Look at symmetry in shapes
- Compare angles and say whether the angle is obtuse or acute
- Compare and classify 2D and 3D shapes
- Look at data presented in bar charts, pictograms, tables and other graphs and solve comparison, sum and difference problems

By the end of year 4 it is expected that children will know all multiplication facts by heart. The children will complete the Government Multiplication Check to assess this. We will let you know the scores out of 25 as soon as we can.

Art and DT

- In drawing, use a range of pencils and techniques to show facial expressions and body language.
- Using pencil and charcoal, use line, tone, shape and colour to represent figures, forms in movement
- Know how to be both hygienic and safe when using food
- Bring a creative element to the food product being designed
- Use IT where appropriate to add to the quality of the product

Year 4 Summer Trip

Year 4 will be visiting St Annes on Thursday 29th June.
A detailed letter will follow soon.

Reading and Writing

- This half term we will be reading and writing biographies about Andrew Turton and Greta Thunberg, both of whom are environmental activists. Also, we will be creating our own webpages teaching and informing people about mountains and mountain range around the world, linked to our Geography topic of mountains.
- To organise paragraphs around a theme
- To link paragraphs
- To use headings and sub-headings for organise ideas
- To use a range of sentence types

Our class novel, which is solely to read for pleasure, is JK Rowling's *Harry Potter and the Philosopher's Stone*.



Science (Living things and their habitats)

- Use classification keys to group, identify and name living things
- Know how changes to an environment could endanger living things

Spanish

- To read, write and talk about holidays: where they like to go to and how they like to travel there
- To use a Spanish dictionary
- To know a range of Spanish verbs

Music

- Practise playing and performing using the Glockenspiel
- Sing songs from memory with accurate pitch
- Use notation to record compositions in a small group of individually
- Explain why silence is often needed in music and explain what effect it has
- Use notation to record and interpret sequences of pitches
- Identify and describe the different purposes of music
- Begin to identify the style of work of Beethoven, Mozart and Elgar

Computing

- To use ICT to create different written texts and animations.
- To add backgrounds and sounds to animations.
- To begin to understand what a 'stop go' animation is.

Grammar

- Use apostrophe for plural possession
- Use adverbials of time, place and number
- To vary tenses
- Compose sentences using a wide range of vocabulary and

RHE – Keeping safe

- Discuss peer pressure and peer approval.
- Discuss how to keep safe near railways, water and the road
- Know how to keep safe online
- Know how to report concerns

PE – Hockey/ Rounders

This half term we will be focussing on hockey skills and learning to play the game rounders. We will also be taking part in a range of activities to prepare for the Key Stage Two Sports Day races.

Topic – Mountains

- Use maps, atlases, globes and digital mapping to locate a range of countries and their mountain ranges.
- To use the above sources to identify rivers.
- To know the features of a river.
- To know the difference between a hill and a mountain.
- To know how and why a mountain or river may change over time.

RE- Why are festivals important to religious communities?

- Make connections between stories, symbols and beliefs with what happens in at least two festivals
- Ask questions and give ideas about what matters most to believers in festivals (e.g. Christmas, Easter, Eid)
- Identify similarities and differences in the way festivals are celebrated within and between religions
- Explore and suggest ideas about what is worth celebrating and remembering in religious communities and in their own lives
- Year 4 will also be visiting our church Walkden Methodist during the afternoon of Tuesday 20th June. (If you are able to volunteer with our afternoon visit, then please let Mrs Hall or Mrs Fortune know as soon as possible).**

