

Other information:

Mrs. Lockyer will be coming in to share with us her knowledge of map reading, compass points, reading a compass and orienteering.

In I.C.T. the children will:

- Use ICT responsibly, securely and safely
- Select, use and combine a variety of software and internet services
- Present information about the water cycle
- Access and manage risks associated with personal lifestyle and activity choices, trying new ideas and facing challenges safely
- learn how to design, write and debug programs that accomplish a specific goal.
- Use logical reasoning to explain how some simple algorithms work
- Detect and correct errors in algorithms and programmes.

In Music the children will:

- Create simple melodies using the E, B and G strings
- Revise 1-beat notes and 1-beat rests; introducing half-beat notes
- Experiment with sound effects to be used in a group improvisation on the theme of "Fireworks"

In History the children will:

- Place some historical periods in a chronological framework
- Use a variety of resources to find out about aspects of life in the past
- Use different sources of information in ways that go beyond simple observations to answer questions about the past.
- Explain how events from the past have shaped our lives today

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In Literacy the children will:

- Retrieve and record information from non-fiction
- Identify how language, structure and presentation contribute to meaning
- Use organisational devices (headings and subheadings) to organise writing
- Organise paragraphs around a theme
- Proof-read their writing for spelling and punctuation errors
- Participate in discussions, presentations and debates
- Compose and rehearse sentences orally, progressively building a varied and rich vocabulary and an increasing range of sentence structures
- Read aloud their own writing, to a group or the whole class, using appropriate intonation and controlling the tone and volume so that the meaning is clear
- Write non- chronological reports
- Use conjunctions within our sentences - and, but, because, so, if and when
- Observe the different forms of poetry, the structure involved and write their own calligram
- Continue to work on understanding and spelling homophones correctly
- Read 'Within Reach: My Everest Story' by Mark Pfetzer and Jack Galvin

In Design and Technology the children will:

- Use a variety of skills and techniques to design and adapt their work
- Collect ideas, record, design, plan, create and decorate a mountain
- Select which materials are the most effective and appropriate to use for their design
- Make contour maps to support geographical focus

In Numeracy the children will:

- Count in multiples of 6, 9, 25 and 1000
- Use both mental and written methods with increasingly large numbers to aid fluency
- Estimate and use inverse operations to check answers to a calculation
- Solve addition and subtraction two-step problems in contexts deciding which operations and methods to use and why
- Recall multiplication and division facts for multiplication tables up to 12 x 12
- Use place value, known and derived facts to multiply and divide mentally
- Fractions - recognise equivalent fractions, add them, solve problems and write equivalent decimals
- Measurement- estimate, compare, calculate and convert between different units of measures
- Geometry - compare and classify geometric shapes
- Position and direction - describe and plot positions on 2d grid
- Statistics - interpret and present discrete data

In Art and Design the children will:

- Observe and sketch ideas in order to develop a plan for a completed piece of work
- Create different effects by using a variety of tools and techniques
- Investigate, combine and organise visual and tactile qualities of materials and processes when making something
- Improve the mastery of art and design techniques with a range of materials
- Show reflections within art
- Observe the art of Japanese artist Hokusai. Hokusai was inspired by Mt Fuji.

In Science the children will:

- Make predictions of the outcome
- Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- Make systematic and careful observations and take accurate measurements using standard units, using a range of equipment
- Use scientific evidence to answer questions or support their findings
- Set up practical enquiries, comparative and fair tests
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature
- Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables

In R.E. the children will:

- Explore and understand what a pilgrimage is and the impact it provides
- Compare the practices and experiences of pilgrimage for a Christian and other faiths
- Understand the importance of the pilgrimage journey rather than the destination
- Discuss what Christians learn about Peace from the Bible
- Explore the differences between external and inner peace and understand how to find inner peace
- Make a connection between the Christmas story and religious values

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Homework:

- It is vital that your child reads daily as this enforces their vocabulary, use of punctuation and provides ideas for story writing. This can be a combination of the class reader, their banded books, books on Reading Planet, Newspapers and magazines and/or a book of their own choice
- Please encourage your child to return the class reader to school every day so that they are able to swap with their partner
- Practise times tables up to 12 x regularly - use Times Table Rockstar
- Undertake RMEasimaths, Rock Star maths and Lexia as often as possible
- Spellings will be given on a Monday to learn for a test the following Monday
- Maths will mostly be MyMaths and will be given on a Monday to be completed for Thursday
- Literacy will be given on a Wednesday to be in on the following Monday
- Other topic work may be set at other times - this will be on the google classroom and written in planners

In Geography the children will:

- Identify features associated with mountainous regions
- Locate the countries of Europe (including Russia, North America and South America)
- Locate and name geographical features on an Ordnance Survey map
- Learn and use the 8 points of a compass, 4 and 6-figure grid references, symbols and keys
- Choose appropriate ways to record and present information, findings and conclusions for different audiences
- Describe how physical activity has changed the physical characteristics of a place in the World.

In P.E. the children will:

- Monday afternoon - outside (as much as possible) with Coach T
- Wednesday afternoon - Netball or Yoga when weather inclement
- Please ensure children come into school in their PE kits on a Monday and Wednesday. As the weather gets colder, please ensure they have black jogging bottoms or leggings when needed.