

<p align="center"><b>SCIENCE</b> <b>Earth and Space</b></p> <p>Science Objectives</p> <p>recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs</p> <p>describe the movement of the Earth, and other planets, relative to the Sun in the solar system</p> <p>describe the movement of the Moon relative to the Earth</p> <p>describe the Sun, Earth and Moon as approximately spherical bodies</p> <p>use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</p>	<p><b>P.E</b> <b>UNIT 1: Net/Wall Games</b> Children should learn: To develop the range and consistency of their skills in tennis and volleyball activities To release the ball from different angles and send it at different angles To work in pairs or small groups to develop attack and defence in net games To evaluate performance and explain what needs improving</p> <p><b>Cheerleading</b></p> <ul style="list-style-type: none"> <li>External coaching</li> </ul>	<p align="center"><b>R.E</b></p> <p>What do Sikhs believe?</p>	<p align="center"><b>ART AND DESIGN:</b> <b>Drawing</b></p> <p>Making layered drawings inspired by Hundertwasser. Drawing from imagination using natural objects as a starting point. Creating negative portraits inspired by Frank Auerbach.</p>	<p align="center"><b>History</b></p> <p><b>The Viking and Anglo-Saxon struggle for the kingdom of England to the time of Edward the Confessor, beginning at the first Viking invasion</b></p> <p>Who were the Anglo Saxons and Vikings? Why did the Vikings raid and invade? How did the Anglo Saxons resist further Viking invasions <i>Danegeld tax</i> Why was King Alfred great? Who was Edward the Confessor? Why was his death significant?</p>
<p align="center"><b>ENGLISH:</b></p> <p><b>Myths</b> Key Fiction text: Prometheus and Pandora by Janey Pursglove Writing outcome: To write a new ending for Prometheus and Pandora's point of view, using ideas from the story and other traditional stories.</p> <p><b>Instructions</b> Key Non-fiction text: 'How to Write Instructions, 'How to Write a Greek Myth', 'Have a go at ... Chocolate Chip Ice Cream' Writing outcome: To write a clear set of instructions explaining how to make a lemon sherbet.</p> <p><b>Grammar focus:</b> Devices to build cohesion within a paragraph. Linking ideas across paragraphs.</p> <p><b>Handwriting</b> Using 'PENPALS' pupils will be taught to: • write legibly, fluently and with increasing speed by: • choosing which shape of a letter to use when given choices and deciding whether or not to join specific letters • choosing the writing implement that is best suited for a task.</p>		<p align="center"><b>YEAR 5</b> <b>Autumn 1<sup>st</sup> Half</b></p> <p align="center"><b><u>The Vikings</u></b></p>	<p align="center"><b>MATHEMATICS:</b></p> <p><b>Place Value and Mental Calculation</b> Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</p> <p><b>Addition and Subtraction</b> Add and subtract whole numbers with more than four digits using formal written methods.</p> <p><b>Multiplication and Division</b> Multiply numbers up to four digits by one or two-digit numbers using formal written methods.</p> <p><b>Units of Measure</b> Convert between different units of metric measures.</p> <p><b>Problem solving using all four number operations</b> Solve problems involving addition, subtraction, multiplication and division and understand the meaning of the equals sign.</p>	
<p align="center"><b>COMPUTING</b></p> <p><u>E-Safety</u> Understand what personal information is. To be able to understand the importance of asking for help from an adult when on the internet What do we mean by personal information? Why is personal information special? Who is a trusted adult? Who would you speak to if you needed help on the computer?</p> <p><u>Explore</u> I know that computers need precise instructions. I know that computers have no intelligence and that computers can do nothing unless a program is run. I know that an algorithm is a set of instructions. I can use symbols to show an algorithm. I can explain the steps in a simple algorithm.</p>	<p align="center"><b>DESIGN AND TECHNOLOGY:</b> <b>SPACE : SUNDIALS</b> <b>SPACE: MODEL SPACESHIPS</b></p> <p><b>DESIGN</b> use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> <p><b>MAKE</b> select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</p> <p><b>EVALUATE</b> investigate and analyse a range of existing products evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</p>		<p align="center"><b>French</b> <b>Our Bodies</b></p> <p>Children will develop skills and understanding linked to the body and the names of body parts. They will further develop recognition of the verb avoir (to have) and experience work linked to developing a monster and describing it in detail using their knowledge of vocabulary linked to body parts.</p>	<p align="center"><b>Music</b> <b>Cyclic Patterns</b> <b>(Exploring rhythm &amp; pulse)</b></p> <p>This unit develops children's ability to perform rhythmic patterns confidently and with a strong sense of pulse.</p>

## General Notices and Information

### Reading Books and Purple Diaries

Purple diaries need to be in on a Monday.

Children will have an opportunity to change their reading book on a Tuesday and Friday.

### Library Books

Children will be choosing a library book on a Monday. It is important that it is returned each week.

### Homework

Monday - Spelling Homework (Due in on Friday)

### PE

Thursday and Friday - (White t-shirt, Black shorts, Plimsolls)

Children must have earrings covered or removed at home on these days.

### Water bottles

Should be in school daily.

### Sun cream and Sunhats

Please provide your child with a cap or hat on sunny days. If your child needs to reapply their own sun cream they can also bring a named bottle of sunscreen into school.

## SPECIAL DIARY DATES

CLASS VISIT TO THE LIBRARY

Tuesday 8<sup>th</sup> September (morning)

BIKE ABILITY WEEK

Monday 21<sup>st</sup> September -Thursday 24<sup>th</sup> September

Please remember if you have any worries concerns or want to share good news from home, the door is always open to arrange to meet with me.

We look forward to a happy, successful year of learning in Year 5.