

**Year 6 Autumn Term Curriculum Overview – Falcons / Eagles**

Maths		English	
<p><b>Number and Place Value</b></p> <ul style="list-style-type: none"> <li>✓ Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit</li> <li>✓ Round any whole number to a required degree of accuracy</li> <li>✓ Use negative numbers in context, and calculate intervals across zero</li> <li>✓ Solve number and practical problems that involve all of the above.</li> </ul> <p><b>Fractions &amp; decimals</b></p> <ul style="list-style-type: none"> <li>✓ Use common factors to simplify fractions; use common multiples to express fractions in the same denomination</li> <li>✓ Compare and order fractions, including fractions</li> <li>✓ Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions</li> <li>✓ Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, <math>4 \frac{1}{2} \times 1 \frac{1}{2} = 8 \frac{1}{4}</math>]</li> <li>✓ Divide proper fractions by whole numbers [for example, <math>3 \frac{1}{2} \div 2 = 6 \frac{1}{4}</math>]</li> <li>✓ Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, <math>\frac{8}{3}</math>]</li> <li>✓ Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places</li> </ul>	<p><b>Number - Addition, Subtraction, Multiplication, Division</b></p> <ul style="list-style-type: none"> <li>✓ Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication</li> <li>✓ Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context</li> <li>✓ Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context</li> <li>✓ Perform mental calculations, including with mixed operations and large numbers</li> <li>✓ Identify common factors, common multiples and prime numbers</li> <li>✓ Use their knowledge of the order of operations to carry out calculations involving the four operations</li> <li>✓ Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> <li>✓ Solve problems involving addition, subtraction, multiplication and division</li> <li>✓ Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</li> </ul>	<p><b>Reading</b></p> <ul style="list-style-type: none"> <li>✓ Read a broad range of genres</li> <li>✓ Recommend books to others</li> <li>✓ Make comparisons within/across books</li> <li>✓ Support inferences with evidence</li> <li>✓ Summarising key points from texts</li> <li>✓ Identify how language, structure, etc. contribute to meaning</li> <li>✓ Discuss use of language, inc figurative</li> <li>✓ Discuss &amp; explain reading, providing reasoned justifications for views</li> </ul> <p><b>Spelling / Grammar</b></p> <ul style="list-style-type: none"> <li>✓ Use appropriate register/ style</li> <li>✓ Use the passive voice for purpose</li> <li>✓ Use features to convey &amp; clarify meaning</li> <li>✓ Use a full range of punctuation</li> <li>✓ Use language of subject/object</li> <li>✓ Articulate arguments &amp; opinions</li> <li>✓ Use spoken language to speculate, hypothesise &amp; explore</li> <li>✓ Use appropriate register &amp; language</li> <li>✓ Use a dictionary and a thesaurus</li> <li>✓ Distinguish homophones and other words that are often confused</li> <li>✓ Use prefixes/suffixes accurately</li> <li>✓ Spell words from the year 5/6 spelling list correctly</li> </ul>	<p><b>Writing</b></p> <p><b>Poetry - Here We Are; Newspaper Report; Non-Fiction Text - Mayan Civilisation; Narrative - The Key; Play Script - Elf</b></p> <ul style="list-style-type: none"> <li>✓ Use knowledge of morphology &amp; etymology in spelling</li> <li>✓ Develop legible personal handwriting style</li> <li>✓ Plan writing to suit audience &amp; purpose; use models of writing</li> <li>✓ Develop character &amp; setting in narrative</li> <li>✓ Select grammar &amp; vocabulary for effect</li> <li>✓ Use a wide range of cohesive devices</li> <li>✓ Ensure grammatical consistency</li> <li>✓ Using organisational and presentational devices to structure text and to guide the reader</li> </ul>
		<p align="center"><b>Computing</b></p> <ul style="list-style-type: none"> <li>✓ Design &amp; write programs to solve problems</li> <li>✓ Use sequences, repetition, inputs, variables and outputs in programs</li> <li>✓ Detect &amp; correct errors in programs</li> <li>✓ Understand uses of networks for collaboration &amp; communication</li> <li>✓ Be discerning in evaluating digital content</li> </ul>	
<p align="center"><b>Science</b></p>		<p align="center"><b>Modern Foreign Languages</b></p>	
<p><b>How We See Things</b></p> <ul style="list-style-type: none"> <li>✓ Recognise that light appears to travel in straight lines</li> <li>✓ Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes</li> <li>✓ Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye</li> </ul>	<ul style="list-style-type: none"> <li>✓ Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary</li> <li>✓ Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations</li> <li>✓ Use the idea that light travels in straight lines to explain why shadows have the same shape as the</li> </ul>	<ul style="list-style-type: none"> <li>✓ Spanish</li> <li>✓ Engage in conversations, listening and expressing opinions</li> <li>✓ Speak in simple language &amp; be understood</li> <li>✓ Develop appropriate pronunciation</li> <li>✓ Present ideas &amp; information orally</li> <li>✓ Show understanding in simple reading</li> <li>✓ Adapt known language to create new ideas</li> <li>✓ Describe people, places &amp; things</li> <li>✓ Understand basic grammar, e.g. gender</li> </ul>	<p align="center"><b>Physical Education</b></p> <p><b>Netball / Basketball</b></p> <ul style="list-style-type: none"> <li>✓ Use running, jumping, catching and throwing in isolation and in combination</li> <li>✓ Play competitive games, applying basic principles</li> <li>✓ Compare performances to achieve personal bests</li> <li>✓ Take part in Outdoor &amp; Adventurous Activities</li> </ul> <p><b>Gymnastics</b></p> <ul style="list-style-type: none"> <li>✓ Develop flexibility &amp; control in gym, dance &amp; athletics</li> <li>✓ Create controlled sequences - independently and as part of a group</li> </ul>
<p align="center"><b>History</b></p>		<p align="center"><b>Art</b></p>	
<p><b>Mayan Civilisation (AD 900)</b></p> <ul style="list-style-type: none"> <li>✓ Sequence events from time using relevant dates and details</li> <li>✓ Research and compare beliefs and characteristics from different periods of time</li> <li>✓ Know key dates, characters and events of Mayan times</li> </ul>	<p><b>Hundertwasser</b></p> <ul style="list-style-type: none"> <li>✓ Continue to progressively develop personal techniques including control and use of materials</li> <li>✓ Learn about the greatest artists, architects and designers in history</li> <li>✓ Develop ideas using different or mixed materials</li> <li>✓ Manipulate and experiment with the elements of art</li> <li>✓ Explore the roles and purposes of artists, craftspeople and designers working in different times and cultures</li> </ul>	<p align="center"><b>PSHE</b></p> <p><b>Who am I?</b></p> <ul style="list-style-type: none"> <li>✓ Explore friendships and relationships</li> <li>✓ Explore differences and similarities</li> <li>✓ Discuss causes and resolutions of conflict.</li> </ul>	
		<p align="center"><b>RE</b></p> <p><b>Beliefs in the world - Creation and Science - Conflicting or Complimentary?</b></p> <ul style="list-style-type: none"> <li>✓ Genesis and the beginnings of the universe</li> <li>✓ Explore the scientific account of cosmology and evolution</li> <li>✓ Research Christian scientists</li> </ul>	