

## Y5 Autumn Overview

Writing				Maths	
<p><i>Based on:</i> Wonder, Refugees (The Write Stuff), Christmas Truce (Literacy Shed film)</p> <p><i>Genres covered:</i> Letter, Diary Entry, play script, Narrative, Formal Report, Emails, Balanced argument, Book Review, Setting Description, Persuasion, Character description, Speech</p> <p><i>Cross curricular:</i></p> <p>Biography based on Mother Theresa; play scripts, descriptive writing and letters linked to WW1,</p> <p><i>Other focus:</i></p> <p>Figurative language, varied sentence openers, using a thesaurus, legible fluent handwriting</p>				<p><i>Objectives:</i></p> <p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>-Roman numerals to 1,000</li> <li>-Numbers to 10,000</li> <li>-Numbers to 100,000</li> <li>-Numbers to 1,000,000</li> <li>-Read and write numbers to 1,000,000</li> <li>-Powers of 10</li> <li>-10/100/1,000/10,000/100,000 more or less</li> <li>-Partition numbers to 1,000,000</li> <li>-Number line to 1,000,000</li> <li>-Compare and order numbers to 100,000</li> <li>-Compare and order numbers to 1,000,000</li> <li>-Round to the nearest 10, 100 or 1,000</li> <li>-Round within 100,000</li> <li>-Round within 1,000,000</li> </ul> <p><b>Addition and subtraction</b></p> <ul style="list-style-type: none"> <li>-Mental strategies</li> <li>-Add whole numbers with more than four digits</li> <li>-Subtract whole numbers with more than four digits</li> <li>-Round to check answers</li> <li>-Inverse operations (addition and subtraction)</li> <li>-Multi-step addition and subtraction problems</li> <li>-Compare calculations</li> <li>-Find missing numbers</li> </ul>	<p><b>Multiplication &amp; Division A</b></p> <ul style="list-style-type: none"> <li>-Multiples</li> <li>-Common multiples</li> <li>-Factors</li> <li>-Common factors</li> <li>-Prime numbers</li> <li>-Square numbers</li> <li>-Cube numbers</li> <li>-Multiply by 10, 100 and 1,000</li> <li>-Divide by 10, 100 and 1,000</li> <li>-Multiples of 10, 100 and 1,000</li> </ul> <p><b>Fractions A</b></p> <ul style="list-style-type: none"> <li>-Find fractions equivalent to a unit fraction</li> <li>-Find fractions equivalent to a non-unit fraction</li> <li>-Recognise equivalent fractions</li> <li>-Convert improper fractions to mixed numbers</li> <li>-Convert mixed numbers to improper fractions</li> <li>-Compare fractions less than 1</li> <li>-Order fractions less than 1</li> <li>-Compare and order fractions greater than 1</li> <li>-Add and subtract fractions with the same denominator</li> <li>-Add fractions within 1</li> <li>-Add fractions with total greater than 1 - Add to a mixed number</li> <li>-Add two mixed numbers</li> <li>-Subtract fractions</li> </ul>
SPAG					
<p><b>Ready to write</b></p> <ul style="list-style-type: none"> <li>-Pronouns</li> <li>-Expanding Noun Phrases</li> <li>-Fronted Adverbials</li> <li>-Plural and Possessive</li> <li>-Direct and Indirect Speech</li> </ul>	<p><b>Relative Clauses</b></p> <ul style="list-style-type: none"> <li>-Relative Pronouns</li> <li>-Recognising Relative Clauses</li> <li>-Using Relative Clauses</li> <li>-Omitting Relative Pronouns</li> </ul>	<p><b>Modal Verbs</b></p> <ul style="list-style-type: none"> <li>-Recognising Modal verbs</li> <li>-Using Modal Verbs</li> </ul>	<p><b>Adverbs</b></p> <ul style="list-style-type: none"> <li>-Recognising Adverbs</li> <li>-Using Adverbs</li> <li>-Recognising Adverbs to Indicate Degrees of Possibility</li> <li>-Using Adverbs to Indicate Degrees of Possibility</li> </ul>		
Spelling					
<ul style="list-style-type: none"> <li>-Non-negotiable spellings</li> <li>-Words ending in -tious &amp; -ious</li> <li>-Words ending in -cious</li> <li>-Words ending in -cial</li> <li>-Words ending in -tial</li> <li>-Words ending in -cial &amp; -tial</li> <li>-Challenge words</li> </ul>		<ul style="list-style-type: none"> <li>-Words ending in -ant</li> <li>-Words ending in -ance &amp; -ancy</li> <li>-Words ending in -ent &amp; -ence</li> <li>-Words ending in -able &amp; -ible</li> <li>-Words ending in -ably &amp; -ibly</li> <li>-Challenge words</li> </ul>			

<p style="text-align: center;"><b>Reading</b></p> <p><i>Texts covered:</i> Wonder</p> <p><i>Objectives:</i></p> <p>Predict what might happen from details stated and implied</p> <p>Drawing inferences, such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence</p> <p>Making comparisons with and across books</p> <p>Participating in discussions about books, explaining their understanding of what they have read and provide reasoned justification for their views</p> <p>Retrieving, recording and presenting information from non-fiction</p> <p>Learning poetry/play scripts by heart to perform, showing understanding through intonation, tone, volume and action</p>		<p>-Subtract from a mixed number</p> <p>-Subtract from a mixed number - breaking the whole</p> <p>- Subtract two mixed numbers</p>
<p style="text-align: center;"><b>Music</b></p> <p><b>Theme and variations (Theme: Pop Art)</b></p> <p>Perform rhythms confidently either on their own or in a group.</p> <p>Identify the sounds of different instruments and discuss what they sound like.</p> <p>Make reasonable suggestions for which instruments can be matched to which pieces of art.</p> <p>Recall the names of several instruments according to their orchestra sections.</p> <p>Keep the pulse with the body percussion section and sing with control and confidence.</p> <p>Name the three rhythms correctly and copy the rhythms accurately with a good sense of pulse.</p> <p>Draw the rhythms accurately and show a difference between each of their variations.</p> <p>Showcase creativity in the finished product.</p>	<p style="text-align: center;"><b>History</b></p> <p><b>Ancient Greece &amp; The Trojan Horse</b></p> <p>Describe and explain the main events in the siege of the city of Troy during the Trojan War in Ancient Greece</p> <p>Evaluate and critique the visual, written and archaeological evidence which presently exists regarding the Trojan Horse, and begin to formulate conclusions</p> <p>Reach a conclusion and make a judgement regarding whether the story of the Trojan Horse is fact, legend or myth and justify their decision</p> <p>Review and evaluate the historical evidence regarding the existence of the lost Kingdom of Atlantis and reach a judgement as to its reliability and trustworthiness</p>	
<p style="text-align: center;"><b>MFL</b></p> <p><b>Do you have a pet?</b></p> <p>-Repeat, recognise and attempt to spell the eight nouns (including the correct article for each) for pets in French.</p> <p>-Tell somebody in French if they have or do not have a pet.</p> <p>-Ask somebody else in French if they have a pet.</p> <p>-Tell somebody in French the name of their pet.</p> <p>-Attempt to create a longer phrase using the connectives ET ("and") or MAIS ("but").</p>	<p style="text-align: center;"><b>Computing</b></p> <div> <div> <p><b>Coding</b></p> <ul style="list-style-type: none"> <li>- Coding Efficiently</li> <li>- Simulating a Physical System</li> <li>- Decomposition and Abstraction</li> <li>- Friction and Functions</li> <li>- Introducing Strings</li> <li>- Text Variables and Concatenation</li> </ul> <p><b>Coding</b></p> <ul style="list-style-type: none"> <li>- Responsibilities and Support when Online</li> <li>- Protecting Privacy</li> </ul> </div> <div> <p><b>Spreadsheets</b></p> <ul style="list-style-type: none"> <li>- Conversions of Measurements</li> <li>- The Count Tool</li> <li>- Formulae Including the Advanced Mode</li> <li>- Using Text Variables to Perform Calculations</li> <li>- Event Planning with a Spreadsheet</li> </ul> </div> </div>	

	<ul style="list-style-type: none"> <li>- Citing Sources</li> <li>- Reliability</li> </ul>	
<b>Science</b>	<b>RE</b>	
<p><b>Materials and their properties</b>  Compare and group materials based on their properties  Know that some materials will dissolve  Use knowledge of solids, liquids and gases to separate materials (including sieving, filtering, evaporation and condensation)  Give reasons for uses of everyday materials  Understand reversible and irreversible changes  <i>Investigations</i> – dissolving jelly babies, separating alien soups, dissolving substances</p> <p><b>Earth and Space</b>  Describe the movement of the Earth, other planets and the moon  Describe the Earth, Sun and Moon as spherical bodies  Use the idea of the Earth's rotation to explain day and night and the Sun's apparent movement across the sky</p>	<p><b>Why do some people believe God exists?</b>  Outline clearly a Christian understanding of what God is like  Give examples of ways in which believing in God is valuable in the lives of Christians, and ways in which it can be challenging.  Express thoughtful ideas about the impact of believing or not believing in God on someone's life.  Present different views on why people believe in God or not, including their own ideas.  Enquire into what some atheists, agnostics and theists say about God</p>	
	<b>PE</b>	
	<p><b>Swimming</b>  -Swim competently, confidently and proficiently over a distance of at least 25 metres.  -Use a range of strokes effectively [for example, front crawl, backstroke and breaststroke].  -Perform safe self-rescue in different water-based situations.</p> <p><b>Badminton</b>  -I am developing a wider range of skills and I am beginning to use these under some pressure.  -I can identify when I was successful and what I need to do to improve.  -I can use feedback provided to improve my work.  -I can work cooperatively with others to manage our game.  -I understand the need for tactics and can identify when to use them in different situations.</p>	

	I understand the rules of the game and I can apply them honestly most of the time. -I understand there are different skills for different situations and I am beginning to apply this.	
Art	Design Technology	
<b>Pop Art</b> Artist - Andy Warhol, Roy Lichtenstein Objectives: Learn about Andy Warhol and Roy Lichtenstein and the significance of their bold style and work Produce a picture of a word in the style of Andy Warhol Produce a Pop Art self-portrait in the style of Lichtenstein Recreate an iconic pop art image	<b>Halloween biscuits</b> Analyse and evaluate a range of biscuits Develop products which are fit for purpose and aimed at a specific group Bake and decorate biscuits Evaluate product identifying points for improvement	
PSHE		
<b>Families &amp; Relationships</b> -Describe what qualities a good friend should have and recognise which of these they have and which they could develop. -Recognise that friendships have ups and downs and this is normal. -Understand what marriage is and know that it is a choice people make. -Understand that we all have a range of attributes that make us who we are and we should be proud of these. -Understand that sometimes families can make children feel unhappy or unsafe. -Understand why someone might bully others. -Understand that attitudes and laws around gender equality have changed over time. -Understand that stereotypes exist and these can lead to discrimination.	<b>Health &amp; Wellbeing</b> -Perform some yoga poses, following the instructions from a video, and describe how yoga makes them feel. -Describe how they can get a good night’s sleep and explain why this is important. -Describe why they should embrace failure. -Describe a strategy to help manage feelings of failure and to help them to persevere. -Set themselves goals and consider how they will achieve them. -Describe a range of feelings and suggest two ways of dealing with a difficult situation. -Demonstrate an understanding of what calories are and how to use them to help plan healthy meals. -Recognise the food groups and acknowledge that having a variety of food is important for having a balanced and healthy diet. -Understand how to keep safe in the sun and some of the risks, now and in the future, if they don’t.	