

Literacy

Story writing – We begin by writing a narrative to assess the students writing ability. We will then commence a 6 week period focussing on reinforcing and adding to the students’ knowledge of adjectives, nouns, verbs, tenses, adverbs and the effective application of each. Focus on creating mood through word choice, effective character introduction and setting descriptions as well as understanding and varying sentence structure (simple, compound and complex) for impact. Narratives will then be re-written to apply their learning.

Reading - We will begin our historical fiction genre ‘Middleworld: Jaguar Stones’ which focuses upon the Ancient Maya civilization. We will consider the setting, atmosphere and character descriptions as well as make inferences on the underlying themes presented in the book. We shall explore the key features of an adventure narrative, annotate different examples before writing our own adapted version of the text. Students will then write their own adventure narrative.

Grammar, punctuation & spelling will focus on the use of relative clauses, expanded noun phrases, cohesive devices, commas, possessive apostrophes, homophones, the use of modal verbs and adverbs as well as expanding our vocabulary with the aid of thesauruses. Spelling will take into account spelling from other subjects and the use of a dictionary and thesaurus continues to be important.

Numeracy

Autumn 1: Students will create their own number system influenced by the Hindu-Arabic, Roman and Mayan systems. This will focus on number and place value and addition and subtraction. **Number and Place value** –Read, write, order & compare numbers to at least 1,000,000 including numbers up to 3 decimal places. Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000. Round any number to nearest 10, 100, 1000, 10,000 & 100,000. Multiply and divide whole numbers and those involving decimals by 10, 100 & 1000. **Addition & Subtraction** – Add and subtract whole numbers with more than 4 digits including using formal written methods. Add and subtract mentally using increasingly large numbers. Using rounding to check answers to calculations and determine their level of accuracy. Solve addition and subtraction multi-step problems, deciding which operations to use and why.

Autumn 2: Students will plan and build their own city, applying their knowledge of measurement, shape and all four operations. **Measurement** -Convert between different units of metric measures e.g. km & m, cm & mm, gm & kg, l & ml. Solve problems by converting between units including time. Use all four operations to solve problems involving measure using decimal notation and scaling. **Addition & Subtraction** – Add and subtract whole numbers with more than 4 digits including using formal written methods. Add and subtract mentally using increasingly large numbers. Using rounding to check answers to calculations and determine their level of accuracy. Solve addition and subtraction multi-step problems, deciding which operations to use and why. **Geometry** – investigate the properties of 2-D and 3-D shapes, measure angles; translation and symmetry of shapes, calculate perimeter and area of regular and irregular polygons. **Multiplication & Division** - identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers; know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers; multiply and divide numbers mentally drawing upon known facts; learn the informal written methods of multiplication and division; multiply and divide numbers up to 4 digits by a one or two-digit number using a formal written methods (including long multiplication and division); solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.

Science

Forces – Explain that unsupported objects fall to earth due to the force of gravity. Explore the effect of air resistance, water resistance and friction may have on objects. We will research famous scientists in this field.

Earth & Space – Describe the movement of the earth and other planets relative to the sun in the Solar system. Describe the movement of the moon relative to earth. Use the idea of earth’s rotation to explain: Day, night, the apparent movement of sun across the sky. We will investigate our star signs and relevant constellations.

RE

Creation – Explore: the creation stories to understand God the creator and the responsibilities he has given us; difference between proclaiming and reading the gospel; use St Paul’s words to explain why we should be compassionate.

Prayers, Saints and Feasts – Explore St Teresa’s prayer and how her words influence our behaviour; to where and why people go on pilgrimages and how this shows service and love for God; Understand what happens during the sacrament of the Anointing of the Sick.

	<p>Advent – Look at the life of John the Baptist, his messages and importance in Jesus’s ministry. Understand the sacrament of reconciliation and how we are called to repent, forgive and change during advent.</p>
<p>PE PE will take place every Monday morning and Wednesday afternoon. Students will continue to improve their physical literacy through a variety of physical activity. Autumn 1 will focus on the invasion sports of football, netball and tag rugby. These sports will take place at St Mary’s school. Autumn 2 will commence with Basketball and tag rugby will continue in preparation for the Intra house competition. Stamina building cross country will feature throughout the autumn term.</p>	<p>ICT and Modern Languages Spanish – Listen and engage in conversations. Develop appropriate pronunciation and speak in simple language. Programming – Employ the ‘Scratch’ software to learn how to write programs, apply the principles of computer science, algorithms and data presentation</p>
<p>Inventive Maya and Concrete Jungle Topic - Learn about the Ancient Maya civilisation through historical inquiry. Students will learn the Base 20 maths system and compare it to other number systems. A timeline of the civilisation with lists of their accomplishments will be discussed specifically in relation to astronomy resulting in a chronological understanding of their lives. This study will then be compared to the lives of other civilisations which were alive at the same time; deciphering if there were similarities or differences between the cultures. Students will use their historical inquiry and questioning skills to understand some of the reasons put forward for why many Maya died out around 900 ad. They will then ask questions about the evidence we have to prove these reasons and determine whether or not the theories are probable. This will prompt an exploration of different interpretations on the same data/resources.</p> <p>In Autumn 2 students will follow a Concrete Jungle topic; building on the analysis of 4 different cities (Paris, London, New York City and Rio de Janeiro). Students will understand the geographical similarities and differences between the cities through the study of the human and physical geography. They will then identify natural and physical elements in the settlements through the use of atlases, online mapping software and world maps. This will cement their locational knowledge of continents, hemispheres, longitude/latitude and time difference. This knowledge will then be applied in a task where students will build their own city using the four cities as examples. Students will need to use the correct mapping software and scales to design their city and reason why they have placed specific topographical elements.</p>	