



Year 5 SPRING

Curriculum overview – information for parents

Marvellous Mayans 		
Educational Visits / Visitors/ enrichment	History Study a non European society that provides contrasts with British history – Maya c. AD 900 In this unit, children will learn about the Maya civilisation and compare it with Anglo-Saxon Britain. They will explore where the Maya lived, investigate important events in their history, and study Maya city-states such as Tikal, Palenque or Chichen Itza. Pupils will learn about Maya achievements and inventions, discover what happened to the Maya city-states, and compare Maya life with that of the Anglo-Saxons, looking at settlement, culture, inventions and ways of life.	Science Properties and changes in materials In this unit, children will explore the properties of materials and how they are used in everyday life. They will learn about mixtures and solutions, investigate different methods of separating materials, and discover the difference between reversible and irreversible changes. Through practical investigations, pupils will develop their understanding of how materials can change and how these changes affect their properties Animals including humans Children will explore the human life cycle and learn how humans grow and develop from birth to adulthood. They will create a human timeline, investigate the changes that occur as we mature, and compare human lifespans with those of different animals. Through this learning, pupils will develop their understanding of growth, development and ageing in living things.

DT . Textiles Mayan worry dolls Children will design and make their own Mayan worry doll. They will investigate the features of worry dolls, create a design, and choose suitable materials, colours and decorations. Pupils will develop their textile skills by measuring, cutting, pinning and sewing fabric using a range of stitches. They will evaluate their finished product, considering how well it met their design and identifying ways it could be improved.	Geography What creates a rainforest and why are they found where they are? In this unit, children will learn about rainforests and discover why they are found in particular parts of the world. They will explore the concept of biomes, investigate the features of tropical rainforests, and locate major rainforests around the globe. Pupils will also learn about the importance of protecting these environments and the impact that rainforest loss can have on endangered animals and plants.	Art Set design In this unit, children will explore set design and learn how artists and designers use scenery, props, lighting and layout to tell stories. They will use sketchbooks to develop ideas, experiment with materials and create model sets inspired by poems, stories, music or film. Pupils will make creative decisions about scale, structure and appearance, and reflect on how their designs communicate meaning and atmosphere. Mixed Media: Land and City Scapes In this unit, children will explore how artists use mixed media to create landscapes and cityscapes. They will experiment with a range of materials, develop ideas in sketchbooks, and take creative risks through exploration and observation. Pupils will reflect on their work and learn from the techniques of other artists and their classmates
Computing Systems & Networks Children will learn how search engines help us find information online. They will develop effective searching skills by using keywords and checking whether information is reliable and trustworthy. Pupils will learn about copyright and fair use, create digital content using text and images, and explore how search engines organise and rank	Music Rock and roll In this unit, children will explore Rock and Roll music through singing, playing and performing. They will develop their ensemble skills by singing in harmony, playing chord patterns on tuned percussion instruments, and improvising melodies using call-and-response structures. Pupils will learn to read pitch notation, maintain a steady	PSHE Keeping safe In this unit, children will learn how to keep themselves safe and healthy. They will explore strategies for preventing bullying, using social media responsibly, and making good choices in difficult situations. Pupils will discuss friendship and trust, learn about the risks associated with vaping and drugs, and consider

results. Through these activities, children will become more confident and responsible users of the internet.	beat, and perform independent musical parts confidently as part of a group performance. Glock instrumental Children will develop their glockenspiel performance skills. They will learn to read and play melodies using notation, explore semiquavers, harmonies and chords, and understand how different musical parts work together. Pupils will perform as part of an ensemble, building confidence, accuracy and teamwork.	how everyday habits can affect their health and wellbeing. Through these activities, children will develop the knowledge and skills needed to make safe, healthy and informed decisions. Rights and respect Children will learn about rights, responsibilities and making a positive contribution to their community. They will explore the difference between facts and opinions, discuss how news and information can be interpreted, and consider ways to make a positive impact on others. Pupils will also learn about managing money, including spending wisely, and explore the advantages and risks of borrowing money.
RE <i>Curriculum development in progress</i>	PE Mini Muay Thai Quick sticks Netball Gymnastics	MFL Planets In this unit, children will learn about the Solar System in French. They will build their vocabulary by naming planets and other features of space, use adjectives to describe them, and extend sentences using conjunctions and intensifiers. Pupils will also learn to ask and answer questions in French through role-play activities, taking on the role of an astronaut and describing their qualities and experiences.

English

Core text:

The princess and the warrior – legend

Twisted tales

Eye of the storm – science fiction

Non fiction :

Twisted tales –newspaper report

Maths

Place Value Decimals, negative numbers and rounding

Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero

Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000

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Division

Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000

Multiplication and division problem solving

Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling

Geometry – 3-D, Translation of 2-D

Identify 3-D shapes, including cubes and other cuboids, from 2-D representations

Volume of 3-d cubes and cuboids

Fractions and %

Recognise the per cent symbol (%) and understand that per cent relates to ‘number of parts per hundred’, and write percentages as a fraction with denominator 100, and as a decimal

Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

Time

Complete, read and interpret information in tables, including timetables.

Solve problems involving converting between units of time.

Revise 12 hour and 24-hour time

Revise time conversion and facts

Roman Numerals

Missing information application

Empty boxes in calculations

Find missing lengths and angles revision problems linked to area and perimeter.