



To infinity and Beyond



Educational Visits / Visitors/ enrichment	History Study Five Monarchs to Extend Pupils' Chronological Knowledge from 1066 In this unit, children will learn about five significant monarchs from British history: William I, Henry VIII, Elizabeth I, Charles II and Queen Victoria. They will explore how each monarch is remembered, the impact they had on Britain, and the legacy they left behind. Pupils will develop their chronological understanding of British history from 1066 onwards and use historical evidence to compare the achievements of different rulers. They will finish the unit by considering which monarch they believe had the greatest influence and explaining their reasons.	Science The earth in space In this unit, children will learn about Earth and space. They will explore the planets in our Solar System, investigate how the Moon appears to change throughout a lunar month, and discover why day and night occur as the Earth rotates. Pupils will also learn how the Earth's tilt causes the seasons and will consolidate their learning by presenting what they have discovered about Earth and space.
DT Mechanisms Cams – moving toy Children will explore mechanisms by designing and making a moving toy that uses a cam system. They will investigate how different cams create different types of movement, design their own moving toy, and select suitable materials and tools to make it. Pupils will learn how to construct and assemble a cam, follower and slider, before testing and evaluating how well their toy works and	Geography What are the main features of South America? In this unit, children will explore South America, learning about its countries and key physical and human features. They will study Brazil in more detail, investigate another South American country, learn about time zones, and consider the lives of street children in parts of the continent.	Art Typography and maps In this unit, children will explore still life art and learn how artists use everyday objects as inspiration. They will develop their observational drawing skills, experiment with line, shape, colour and texture, and study the work of both traditional and contemporary artists. Pupils will use a range of techniques, including drawing, painting,

considering ways to improve their design.		collage and clay, to create their own still life artwork. Making Monotypes Children will explore monotype printing and learn how a single print can be created through a unique printing process. They will experiment with different marks, colours and textures, using sketchbooks to develop ideas and refine techniques. Pupils will learn about artists who use printmaking in creative ways and combine monotype printing with drawing, painting and collage to respond to stories and poetry. They will also discuss and evaluate their own artwork and the work of others, developing confidence in sharing ideas and reflections.
Computing Systems & Networks Children will learn how search engines help us find information online. They will develop skills in effective searching by using keywords and evaluating whether information is reliable and accurate. Pupils will learn about copyright and fair use, create informative digital content using text and images, and explore how search engines organise and rank results. Through these activities, children will become more confident and responsible users of the internet.	Music Planets In this unit, children will explore how composers use music to represent the planets and create mood and atmosphere. They will compose and develop their own musical motifs, learn to record music using notation, and use structures such as ABA form to organise their compositions. Pupils will perform and evaluate their work as part of a group, developing their listening and ensemble skills. Children will also apply their musical learning through participation in a Christmas performance. Christmas performance	PSHE Me and my relationships Children will develop their understanding of friendships, relationships and respectful behaviour. They will learn how to work collaboratively, resolve disagreements and manage challenging situations positively. Pupils will explore the importance of responsible online behaviour, identify the qualities of a good friend, and consider what makes a relationship healthy or unhealthy. They will also learn about emotional needs and develop confidence in using assertive communication skills. Valuing difference In this unit, children will explore friendship, respect and diversity. They will learn how to build positive relationships, understand

		the importance of treating others fairly, recognise and challenge bullying, and consider how their actions can affect others. Pupils will also learn how to think critically about information they find online and appreciate the benefits of living in a diverse society.
RE <i>Curriculum development in progress</i>	PE Leadership Fitness Tag rugby Greatest Showman	MFL The weekend In this unit, children will learn how to talk about their weekend in French. They will practise telling the time, learn vocabulary for weekend activities, and use these in spoken and written sentences. Pupils will combine times and activities to describe their plans and routines, before presenting their weekend activities confidently in French.
English Core text: The Explorer Space Survival Cracking contraptions (Autochef) Non fiction : Survival Text – non chronological report Experience Earth advert Cracking contraptions (Autochef) Poetry: Wild World		
Maths Place Value Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents Read, write, order and compare numbers with up to three decimal places Addition and Subtraction Add and subtract numbers mentally with increasingly large numbers Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy		

Number Properties

Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers

Establish whether a number up to 100 is prime and recall prime numbers up to 19

Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3), Link cubes to volume

Multiplication and Division

Revise multiply 3 single digit numbers (Link Cube numbers to volume)

Identify multiples and factors, including finding all factor pairs of a number, and common factors of two

numbers Multiply and divide numbers mentally drawing upon known facts, Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

Multiplication – Area

Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²), Areas of rectangles mixed units cm/mm etc.

Estimate the area of irregular shapes

Geometry

Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles

Distinguish between regular and irregular polygons based on reasoning about equal sides and angles

4 rules through Statistics

Solve comparison, sum and difference problems using information presented in a line graph

Fractions

Compare and order fractions whose denominators are all multiples of the same number

Read and write decimal numbers as fractions

Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

Add and subtract fractions with the same denominator and denominators that are multiples of the same number