

Curriculum Overview: Year 5

Autumn 1

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English		Maths			Science		
Warning narrative: The Canal Persuasion Poetry: Haiku Teaching Reading: The Legend of Podkin One Ear		Number: Place Value Number: Addition and Subtraction Statistics			Living things and their habitats <i>Sir David Attenborough</i> <i>(biologist)</i>		
Grammar & Punctuation <ul style="list-style-type: none"> Revise the grammar and punctuation for year 4, such as inverted commas and the four sentence types Begin to identify relative clauses Use fronted adverbials followed by a comma Identify a variety of nouns and verbs, and understand how to change nouns into verbs using a variety of word endings (advert becomes advertise when adding -ise) 		<ul style="list-style-type: none"> read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0 round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000 add and subtract whole numbers with more than 4 digits, including using formal written methods (column method) solve number problems and practical problems that involve all of the above solve comparison, sum and difference problems using information presented in a line graph complete, read and interpret information in tables, including timetables 			<ul style="list-style-type: none"> Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird <p style="text-align: center;"><u>Observations over time</u> Who grows the fastest, boys or girls?</p>		
Spelling <ul style="list-style-type: none"> Strategies for learning spellings Words with the letter string 'ough' Words with 'silent' letters Words ending in '-able' and '-ible' Homophones Statutory spellings 							
History	Art & Design	Music	PE	MFL	Computing	PSHE	RE
Ancient Egypt <i>An ancient civilisation</i> What was Egyptian society and the significance of the River Nile? Who were their Gods and what was their belief in the afterlife? Where is the evidence of Ancient Egypt? What does archaeology tell us? What was life like in Ancient Egypt for different people? Compare and contrast Ancient Egypt with the Meroe Civilisation.	Collage Working from source material to help organise and combine visual and tactile qualities of materials and record explorations in sketchbooks. Compare and comment on ideas, methods and approaches.	Suffolk Music Service – Guitar Learn to play and perform with increasing accuracy, fluency, control and expression as part of an ensemble.	Gymnastics Develop flexibility, strength, technique, control and balance through work on a variety of gymnastics equipment and floor work. Football Play competitive games and apply basic principles suitable for attacking and defending	La phonétique <i>(Phonics and Pronunciation)</i> Les saisons <i>(Seasons)</i>	Computing systems and networks: Systems and searching Develop their understanding of computer systems and how information is transferred as well as discover how information is found on the World Wide Web, through learning how search engines work.	Health and wellbeing What makes up our identity? Identity; personal attributes and qualities; similarities and differences; individuality; stereotypes No Outsiders	Christianity Why is the gospel such good news for Christians? <i>Big Question:</i> <i>Where do people look for answers to life and living?</i>
Proposed visit: The Fitzwilliam Museum, Cambridge							

Autumn 2

English	Maths	Science
Defeating the monster narrative: The Tibicena Instructions Teaching Reading: The Legend of Podkin One Ear	Number: Multiplication and Division Measurements: Perimeter and Area Consolidation	Forces <i>Isaac Newton</i> <i>(physicist)</i>
Grammar & Punctuation	<ul style="list-style-type: none"> 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 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 calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm²) and square metres (m²), and estimate the area of irregular shapes measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres 	<ul style="list-style-type: none"> Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears allow a smaller force to have a greater effect <p style="text-align: center;"><u>Comparative & fair testing</u></p> <p style="text-align: center;">Which shape parachute takes the longest to fall?</p>
<ul style="list-style-type: none"> Revise the grammar and punctuation for year 4, such as inverted commas and the four sentence types Begin to use relative clauses Use fronted adverbials followed by a comma Identify and use abstract nouns Begin to create atmosphere in writing through vocabulary choices 		
Spelling		
<ul style="list-style-type: none"> Pluralise words by adding ‘-es’, ‘-s’ or ‘-ies’ Apostrophes for contraction and possession Use of the hyphen Use of dictionaries Statutory spellings 		

Geography	Design and Technology	Music	PE	MFL	Computing	PSHE	RE
Study the Location of Countries of the World, Including Biomes and Environmental Regions Where would you find some of the major cities of the world? Remember continents, lines of latitude, longitude, and the Equator. What is a biome? (environmental region) What are the human and physical characteristics that define Europe, North and South America?	Mechanical systems: Pop-Up Book Create a functional four-page pop-up storybook design, using lever, sliders, layers and spacers to create paper-based mechanisms.	Suffolk Music Service – Guitar Learn to play and perform with increasing accuracy, fluency, control and expression as part of an ensemble.	Dance Perform dances using a range of movement patterns Rugby Find solutions to group/individual challenges. Focus on team building, communication and trust. Tactical problems relating to cooperation games include communication, cooperation, teamwork, trust, and problem solving.	Les glaces <i>(Ice-creams)</i>	Creating media: Video production Learn how to create short videos by working in pairs or groups. Develop vocabulary and skills of capturing, editing, and manipulating video.	Living in the wider world What decisions can people make with money? Money; making decisions; spending and saving <i>No Outsiders</i>	Islam What does the Qur’an reveal about Allah and his guidance? <i>Big Question:</i> Where do people look for answers to life and living?

Spring 1

English	Maths	Science
Losing narrative: The Red Eye Discussion Poetry: Limericks Teaching Reading: The Infinite Lives of Maisie Day	Number: Multiplication and Division Number: Fractions	Earth and Space <i>Katherine Johnson (mathematician)</i>
Grammar & Punctuation	<ul style="list-style-type: none"> 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 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 add and subtract fractions with the same denominator, and denominators that are multiples of the same number read and write decimal numbers as fractions [for $\frac{71}{100}$ example, 0.71 =] recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents 	<ul style="list-style-type: none"> 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 the Earth Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky <p style="text-align: center;"><u>Research using a secondary source</u></p> <p style="text-align: center;">How have our ideas about the solar system changed over time?</p>
<ul style="list-style-type: none"> Use relative clauses in writing Use different types of nouns and verbs in writing Begin to identify modal verbs Use commas to clarify meaning Use commas after fronted adverbials Use a range of devices for cohesion 		
Spelling		
<ul style="list-style-type: none"> Apostrophes for possession Statutory spellings Rare GPCs Words ending in '-ably' and '-ibly' Further homophones 		

History	Art and Design	Music	PE	MFL	Computing	PSHE	RE
Ancient Greece Who were the Ancient Greeks and when did they rule? What beliefs did the Ancient Greeks hold? City-states: what was the difference between Athens and Sparta? What was democracy like in Athens? Why was the theatre important to the Ancient Greeks? Why were the Olympic games invented by the Ancient Greeks?	Drawing To select and enlarge drawings and use a variety of mark makers to develop work.	Suffolk Music Service – Guitar Learn to play and perform with increasing accuracy, fluency, control and expression as part of an ensemble.	Dodgeball Hockey Evade & reach opponents. Bikeability	Je me présente <i>(Presenting myself)</i>	Programming A: Selection in physical computing Introduction to a Crumble controller and learn how to connect and program it to control components (including output devices — LEDs and motors).	Health and Wellbeing How can we help in an accident or emergency? Basic first aid, accidents, dealing with emergencies <i>No Outsiders</i>	Hinduism What spiritual pathways to Moksha are written about in Hindu scriptures? <i>Big Question:</i> Where do people look for answers to life and living?

Spring 2

English	Maths	Science
Tale of fear: The Nightmare Man Explanation Teaching Reading: The Infinite Lives of Maisie Day	Number: Fractions cont. Number: Decimals and Percentages Consolidation	Properties and changes of Materials <i>Nettie Stevens (geneticist)</i>
Grammar & Punctuation	<ul style="list-style-type: none"> round decimals with 2 decimal places to the nearest whole number and to 1 decimal place read, write, order and compare numbers with up to 3 decimal places solve problems involving number up to 3 decimal places recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per 100', and write percentages as a fraction with denominator 100, and as a decimal fraction solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{5}$ $\frac{2}{5}$ $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25 	<ul style="list-style-type: none"> Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic Demonstrate that dissolving, mixing and changes of state are reversible changes Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda <p style="text-align: center;"><u>Identifying and classifying</u></p> <p>Can you group these materials based on whether they are transparent or not?</p>
<ul style="list-style-type: none"> Use brackets, dashes and commas to indicate parenthesis, with or without relative clauses Use commas to clarify meaning Use a range of cohesive devices Use organisational features for non-fiction 		
Spelling		
<ul style="list-style-type: none"> Statutory spellings Revision of spellings previously taught Proof-reading Building words from root words Homophones Words with the /i:/ sound spelt 'ei' or 'ie' 		

Geography	Design and Technology	Music	PE	MFL	Computing	PSHE	RE
Map Skills – Four and Six Figure Grid References Why do we need latitude and longitude? What are 4 and 6 figure grid references and how do we use them? How can I precisely describe locations, landmarks and places as a geographer?	Cooking and nutrition: Developing a recipe Learn a simple bolognese recipe and adapt it to improve nutritional content.	Suffolk Music Service – Guitar Learn to play and perform with increasing accuracy, fluency, control and expression as part of an ensemble.	Outdoor Adventurous Activities (OAA) Developing skills using map memory and control flow. Participating in activities using our permanent orienteering course in school. Net and Wall Games Learning and practicing skills involved in sports such as tennis, badminton and volleyball.	Ma famille <i>(My family)</i>	Data and information: Flat-file databases Looking at how a flat-file database can be used to organise data in records with tools to order and answer questions about the data. Create graphs and charts from data to help solve problems. Use a real-life database to answer a question, and present their work to others.	Relationships How can friends communicate safely? Friendships, relationships, becoming independent, online safety. <i>No Outsiders</i>	Judaism What is holiness for Jewish people: a place, a time, an object or something else? <i>Big Question: Are some things more sacred than others?</i>

Proposed visit: Siemens Healthineers

Summer 1

English	Maths	Science
Portal narrative: The Time-Slip Scarab Recount: in the form of a newspaper report Poetry: Performance Teaching Reading: The House with Chicken Legs	Number: Decimals Geometry: Properties of Shape	Animals including humans <i>Miriam Rothschild (zoologist)</i>
Grammar & Punctuation	<ul style="list-style-type: none"> identify 3-D shapes, including cubes and other cuboids, from 2-D representations know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles draw given angles, and measure them in degrees identify: angles at a point and 1 whole turn (total 360°) angles at a point on a straight line and half a turn (total 180°) other multiples of 90° use the properties of rectangles to deduce related facts and find missing lengths and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles 	<ul style="list-style-type: none"> Describe the changes as humans develop to old age
<ul style="list-style-type: none"> Use brackets, dashes and commas to indicate parenthesis, with or without relative clauses Confidently identify and use relative clauses Understand a variety of clause types □ Identify that the same word can be a variety of word classes based on the context of the sentence 		<u>Pattern seeking</u> Is there a relationship between a mammal's size and its gestation period?
Spelling		<ul style="list-style-type: none"> Etymological and morphological strategies for learning spellings Statutory spellings Revising spellings previously taught Homophones Proof-reading

History	Art and Design	Music	PE	MFL	Computing	PSHE	RE
Study the Maya civilisation and compare to the Anglo-Saxons c. AD 900 Where did the Maya live? What were the significant events in the Maya's history? What were Maya city-states like? What happened to the Maya city-states? Compare location, settlement, people, culture and invention between Anglo-Saxons and Maya c. AD 900	Painting Take influence from the artist Chris Ofili and the movement Fauvism to inspire their own painting, developing their mastery of a variety of techniques	Suffolk Music Service – Guitar Learn to play and perform with increasing accuracy, fluency, control and expression as part of an ensemble.	Swimming Swim competently, over a distance of at least 25 metres, using a range of strokes. Perform safe self-rescue in different water-based situations. Kwik Cricket	Au salon de thé <i>(At the Tea Room)</i>	Creating media: Introduction to vector graphics Create vector drawings and learn how to use different drawing tools to help them create images. Recognise that images in vector drawings are created using shapes and lines, and each individual element in the drawing is called an object. Layer their objects and begin grouping and duplicating them to support the creation of more complex pieces of work.	Health and wellbeing How can drugs common to everyday life affect health? Drugs, alcohol and tobacco, healthy habits <i>No Outsiders</i>	Christianity What is the great significance of the Eucharist for Christians? <i>Big Question:</i> <i>Are some things more sacred than others?</i>

Summer 2

English	Maths	Science
Meeting narrative: Alien Landing Information Guided reading: The House with Chicken Legs	Geometry: Position and Direction Measurement: Converting Units Measurement: Volumes Consolidation	Living things and their habitats
Grammar & Punctuation	<ul style="list-style-type: none"> identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed convert between different units of metric measure [for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre] understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints estimate volume [for example, using 1 cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water] solve problems involving converting between units of time use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling 	<ul style="list-style-type: none"> Revisit lifecycles Describe the life process of reproduction in some plants and animals <p style="text-align: center;"><u>Observations over time</u></p> Revisit - Who grows the fastest, boys or girls?
<ul style="list-style-type: none"> Understanding the grammar terminology for year 5 Consolidation Using a variety of sentence types in writing Identifying the type of clause in a given sentence 		
Spelling		
<ul style="list-style-type: none"> Statutory spellings and spelling strategies Proofreading Problem suffixes Homophones Learning tricky words 		

Geography	Design and Technology	Music	PE	MFL	Computing	PSHE	RE
Ordnance Survey (OS) map skills and fieldwork What are four and six figure grid references? What are contour lines? What does the land look like in my local area?	Structures: Bridges Test and analyse various types of bridge to determine their strength and stability. Explore material properties and sources, before marking, sawing and assembling a wooden truss bridge	Suffolk Music Service – Guitar Learn to play and perform with increasing accuracy, fluency, control and expression as part of an ensemble.	Swimming Swim competently, over a distance of at least 25 metres, using a range of strokes. Perform safe self-rescue in different water-based situations. Personal Challenges, including athletics Use running, jumping, throwing and catching in isolation and in combination compare their performances with previous ones and demonstrate improvement to achieve their personal best.	Chez moi <i>(My home)</i>	Programming B: Selection in quizzes Develop knowledge of 'selection' by revisiting how 'conditions' can be used in programming, and then learning how the 'if... then... else...' structure can be used to select different outcomes depending on whether a condition is 'true' or 'false'. Represent this understanding in algorithms, and in Scratch.	Living in the wider world What jobs would we like? Careers, aspirations, role models, the future. <i>No Outsiders</i>	Buddhism How did Buddha teach his followers to find enlightenment? <i>Big Question:</i> <i>Are some things more sacred than others?</i>

Proposed visit: Felixstowe

