

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	A Kingdom United - Legends - Persuasion <u>GPS focus</u> Creating and punctuating complex sentences using -ed openers. Blending action and dialogue. Using modal verbs. Creating complex sentences using relative clause.	Food, Glorious Food - Stories with historical settings - Film and Play Scripts - Classic Narrative Poetry <u>GPS focus</u> Create and punctuate complex sentences using -ing openers. Create complex sentences by using relative clauses with relative pronouns. Demarcate complex sentences using commas and explore ambiguity of meaning. Identify and use brackets and dashes.	Earthlings - Science Fiction Stories - Information Booklets - Poems With a Structure <u>GPS focus</u> Use expanded noun phrases to convey complicated information concisely. Link ideas across paragraphs using adverbials. Blend action and description within a paragraph. Investigate verb prefixes.	Inventors and Inventions - Novel as a Theme - Magazine: Hybrid Text – Information <u>GPS focus</u> Apply knowledge of prefixes to understand meaning of new words. Blend action and description within and across paragraphs. Create complex sentences by using relative clauses with relative pronouns.	Amazon Adventure - Stories from other Cultures - Debate <u>GPS focus</u> Identify and use dashes to indicate parenthesis. Use suffixes –ate, -ise, -ify to convert nouns and adjectives into verbs. Blend action, dialogue and description within and across paragraphs. Create and punctuate complex sentences using -ed openers. Create and punctuate complex sentences using -ing openers	Faster, Higher, Stronger - Myths - Reports - Poems with Figurative Language <u>GPS focus</u> Create and punctuate complex sentences using simile starters. Link ideas across paragraphs using adverbials. Use devices to build cohesion within a paragraph.
Maths	Place value – up to 1,000,000 including rounding, negative numbers and Roman numerals Addition and subtraction – two 4-digit numbers,	Multiplication and division – multiples, factors, prime numbers, square numbers, cube numbers, multiply and divide by 10, 100 and 1000	Multiplication and division – multiply up to 4-digit by 2-digit, divide up to 4-digit by 1-digit Fractions – improper fractions to mixed numbers, number sequences, compare and order fractions less than and greater than 1, add and subtract fractions including mixed numbers, multiply fractions and mixed numbers by integers		Decimals – adding and subtracting Properties of shape – measuring and drawing angles using a protractor Calculating angles on a straight line and around a point	Position and direction – first quadrant, translation and reflection Converting units – mm, cm, m, km, ml, litres, imperial units and units of time

	inverse, multi-step problems Statistics – line graphs to solve problems, timetables	Perimeter and area including compound and irregular shapes	Decimals to thousandths including rounding. Introduction to percentages, equivalents of F. D. P.			Volume and capacity
Science	<u>Properties and Changes of Materials</u> Compare and group together everyday materials on the basis of their properties 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 Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible.		<u>Earth and Space</u> 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.	<u>Forces</u> 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.	<u>Animals Including Humans</u> Describe the changes as humans develop to old age.	<u>Living Things and Their Habitats</u> Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals.
History	<u>Anglo-Saxons and Vikings</u>					Ancient Maya

	Use dates and appropriate historical terms to sequence events and periods of time. Identify where people, places and periods of time fit into a chronological framework. Describe some aspects of Britain's settlement by Anglo-Saxons and Scots. Describe aspects of the Viking and Anglo-Saxon struggle for the Kingdom of England in the time of Edward the Confessor. Evaluate sources and make simple inferences.					Describe key aspects of a non-European society. Choose relevant sources of evidence to support particular lines of enquiry. Discuss and debate historical issues. Use appropriate vocabulary when discussing and describing historical events. Choose relevant ways to communicate historical findings.
Geography		Mountains Describe what a mountain is and locate the world's 'Seven Summits' on a map. Describe the key features of mountains and how they are formed. Describe the climate of mountains and	Volcanoes and Earthquakes Find out about the structure of the Earth. Describe what happens at the boundaries between the Earth's plates. Describe and explain the key features of a volcano.	Volcanoes and Earthquakes Identify the help people need after an earthquake. Identify how to prepare for an earthquake. Report on the effects of a volcanic eruption.	European Region Locate Europe and investigate key information about its principal countries. Explore tourism in the Mediterranean region. Understand some of the factors affecting migration into	

		explore mountain life. Recognise the importance of the Himalayas for people living in the region.	Locate where famous earthquakes have occurred. Identify the effects of earthquakes on land and people.	Evaluate the advantages and disadvantages of living near a volcano.	Europe through Greece. Investigate the landscape of Greece, its features and how it is used. Investigate some of the main features of Athens.	
P.E.	Net and Wall – Badminton Gymnastics		Invasion Games – Hockey Dance – Earthlings	Striking and Fielding – Rounders Invasion Games – Rugby	Striking and Fielding – Cricket Athletics	Orienteering
Art	Landscape Art Understand perspective in art, including atmospheric perspective. Use various watercolour techniques. Explore different ways to create abstract art.		Chinese Art Explore colours and themes of traditional Chinese art. To explore different brush strokes. To replicate Chinese calligraphy. Learn about the Terracotta Army. Recreate porcelain from the Ming Dynasty.		Express Yourself Know how clothing is used to express ourselves. Observe and draw different facial expressions. Create wire models to show expressions. Explore how lines and fonts express ideas.	
D. T.		Building Bridges Predict which beams will be strongest. Test different beams. Build a truss bridge and create a test for its strength.		Chinese Inventions Explore how different transmissions create different movements. Use a crank to change the motion on a transmission		Fashion & Textiles Know how cotton is turned into cloth. Sew a variety of different stitches. Design, cut , make and sew a bag, by using a pattern piece.

		Design, make and evaluate a suspension bridge to scale.		from circular to linear motion.		Evaluate their final piece.
R.E. YEARLY question: Where can we find guidance about how to live our lives?	Christianity – God Why is it sometimes difficult to do the right thing? Describe Christian beliefs about sin and forgiveness. Describe and explain the teachings from Genesis 3- of how Adam and Eve disobeyed God. Suggest different ways that this story might be understood by Christians. Describe how and why Christians might use the Lord's Prayer. Analyse and interpret th' Lord's Prayer and what guidance it provides for Christians. Suggest things that might lead Christians into temptation in the modern world and how they might try and resist the temptations.	Islam- Why is the Qu'ran important to Muslims? Explore Islamic beliefs about the Qur'an as the word of God. Explain how and why the Qur'an is a source of guidance for life as a Muslim. Explain the impact of believing the Qu'ran is divine revelation. Describe and explain what Muslims believe when they describe Muhammad (pbuh) as the seal of the prophets. Explain how and why Muslims might commemorate the Night of Power. Describe and explain a variety of ways that Muslims might show respect for the Qur'an and how this symbolises their respect for God. Explain how the teachings of the Qur'an might	Hindu Dhama- What might Hindus learn from stories about Krishna? Make links between the story of Prince Prahlad and Hindu beliefs about devotion and loyalty. Explain Hindu beliefs about Krishna and what stories about him teach Hindus. Explain the Hindu belief that God is present in all people (through the atman) and the impact this might have on a believer. Describe and explain a variety of ways that Hindus might celebrate the festival of Holi. Suggest why there may be differences in the way Hindu festivals are celebrated in India and how Hindu communities in UK might celebrate. Explain how Holi celebrations might	Christianity – Jesus What do we mean by a miracle? Describe Christian beliefs about miracles as a 'sign' of the divinity of Jesus. Retell a selection of miracle stories and explain what these might reveal to Christians about the nature of Jesus. Describe why some Christians might go on pilgrimage with miraculous events. Explain the impact that belief in miracles and the power of prayer might have on a Christian.	Christianity – Church How do people decide what to believe? Describe what Christians mean when they talk about one God in Trinity. Identify the beliefs contained within the Apostle's creed. Explain why the Christian community might want/need and agreed statement of belief. Describe and explain the meaning of symbols that might be used in the Trinity. Explain how symbols might unite the Christian Church. Describe the role of places like Taize where Christians from different backgrounds may come together to worship.	Judaism- Do people need laws to guide them? Make links between beliefs and sacred texts, including how and why religious sources are used to teach and guide believers. Explain the impact of Jewish beliefs and values- including reasons for diversity. Explain differing forms of expression within the context of Jewish worship. Describe diversity of religious practices and lifestyle. Interpret the deeper meaning of symbolism contained in stories, images and actions.

		influence the actions and choices as a Muslim.	express Hindu beliefs about equality.			
R.S.E.	Me and My Relationships Give examples of how they have worked collaboratively. Describe the attributes needed to work collaboratively. Demonstrate how to respond to a wide range of feelings in others. Give examples of some key qualities of friendship. Reflect on their own friendship qualities. Recognise basic emotional needs, understand that they change according to circumstance. Identify risk factors in a given situation.	Respectful Relationships Explain what is meant by the terms negotiation and compromise. Describe strategies for resolving difficult issues or situations. Identify characteristics of passive, aggressive and assertive behaviour. Understand and rehearse assertiveness skills. Understand that online communication can be misinterpreted. Accept that responsible and respectful behaviour is necessary when interacting with others online as well as face-to-face.	Keeping Myself Safe Demonstrate strategies to deal with both face-to-face and online bullying. Demonstrate strategies and skills for supporting others who are bullied. Recognise and describe the difference between online and face-to-face bullying. Recognise which situations are risky. Explore and share their views about decision making when faced with a risky situation. Suggest what someone should do when faced with a risky situation. Describe some of the health risks caused by vaping. Understand that there are potential health risks of vaping that are not yet fully	Rights and Responsibilities Understand the difference between a fact and an opinion. Understand what biased reporting is and the need to think critically about things we read. Define the differences between responsibilities, rights and duties. Discuss what can make them difficult to follow. Identify the impact on individuals and the wider community if responsibilities are not carried out. Explain some of the areas that local councils have responsibility for. Understand that local councillors are elected to represent their local community.	Growing and Changing Use a range of words and phrases to describe the intensity of different feelings. Distinguish between good and not so good feelings, using appropriate vocabulary to describe these. Explain strategies they can use to build resilience. Identify some products that they may need during puberty and why. Know what menstruation is and why it happens. Know the correct words for the external sexual organs. Discuss some of the myths associated with puberty. Recognise how our body feels when we're relaxed. List some of the ways our body feels	Being my Best Know the basic functions of the four systems covered and know they are inter-related. Explain the function of at least one internal organ. Understand the importance of food, water and oxygen, sleep and exercise for the human body and its health. Identify their own strengths and talents. Identify areas that need improvement and describe strategies for achieving those improvements. Identify people who are responsible for helping them stay healthy and safe. Identify ways that they can help these people.

			known. Use critical thinking skills when reading information/media. Understand that companies selling vaping products do so to make money. Describe some of the possible outcomes of taking a risk.		when it is nervous or sad. Describe and/or demonstrate how to be resilient in order to find someone who will listen to you.	
Music	Getting Started with Musical Tech Don't stop believing Notes F,G,A,B Minims and crotchets.	Emotions and Musical Styles A new year carol Notes G, F and A. Minims and rests. Quavers, crotchets, dotted crotchets.	Exploring Key and Time Signatures Classroom jazz C major, C,D,E,F,G,A,B,C	Introducing Chords D,A, A minor, Minims, crotchets, quavers.	Words, Meaning and Expression C,D, G,A,B, Crotchets, minims and semi – breves.	Identifying Important Musical Elements Revision
Computing	Computer Systems and Networks. Explain that systems are built using a number of parts. Describe the input, process, and output of a digital system. Identify tasks that are managed by computer systems. Identify the human elements of a computer system. Explain the benefits of a given computer system.	Creating Media-Video Production. Explain that video is a visual media format. Identify features of videos. Compare features in different videos. Identify and find features on a digital video recording device. Experiment with different camera angles. Suggest filming techniques for a given purpose.	Programming A – Selection in Physical Programming. Create a simple circuit and connect it to a microcontroller. Program a microcontroller to make an LED switch on. Explain what an infinite loop does. connect more than one output component to a microcontroller.	Databases. Create a database using cards. Explain how information can be recorded. Explain what a field and a record is in a database. Navigate a flat-file database to compare different views of information. Explain that data can be grouped using chosen values. Group information using a database.	Media – Vector Drawing. Recognise that vector drawings are made using shapes. Experiment with the shape and line tools. Discuss how vector drawings are different from paper-based drawings Identify the shapes used to make a vector drawing. Explain that each element added to a vector drawing is an object.	Programming B – Selection in quizzes Recall how conditions are used in selection. Identify conditions in a program. Modify a condition in a program. Use selection in an infinite loop to check a condition. Identify the condition and outcomes in an 'if... then... else...' statement.

	Make use of a web search to find specific information. Refine my web search. Explain why we need tools to find things online. Recognise the role of web crawlers in creating an index. Order a list by rank. Explain that a search engine follows rules to rank results. Describe some of the ways that search results can be influenced. Recognise some of the limitations of search engines. Explain how search engines make money.	Capture video using a range of filming techniques. Outline the scenes of my video. Decide which filming techniques I will use. Create and save video content. Store, retrieve, and export my recording to a computer. Explain how to improve a video by reshooting and editing. Make edits to my video and improve the final outcome. Recognise that my choices when making a video will impact on the quality of the final outcome. Evaluate my video and share my opinions.	I can use a count-controlled loop to control outputs. Design sequences that use count-controlled loops. Explain that a condition being met can start an action. Identify a condition and an action in my project. Identify a real-world example of a condition starting an action. Describe what my project will do. Create a detailed drawing of my project. Write an algorithm that describes what my model will do. Use selection to produce an intended outcome. Test and debug my project.	Select an appropriate chart to visually compare data. Refine a chart by selecting a particular filter. Ask questions that will need more than one field to answer. Refine a search in a real-world context. Present my findings to a group.	Identify that each added object creates a new layer in the drawing. I can change the order of layers in a vector drawing. Copy part of a drawing by duplicating several objects. Recognise when I need to group and ungroup objects. Reuse a group of objects to further develop my vector drawing. Create a vector drawing for a specific purpose. Reflect on the skills I have used and why I have used them. Compare vector drawings to freehand paint drawings.	Outline a given task. Use a design format to outline my project. Identify the outcome of user input in an algorithm. Implement my algorithm to create the first section of my program. Test my program. Identify ways the program could be improved. Identify the setup code I need in my program. Extend my program further.
MFL-French	Phonetics Presenting myself Asking and answering questions –how are you? How	Family Extending numbers to 100 in relation to age. Understanding of possessive	Goldilocks Children practise listening skills when listening to the story. They will use	Habitats Children learn what plants and animals need to survive. They will learn about	Classroom Children will learn the names of many classroom objects. They will learn how	My home Children will learn how to say what type of house they live in and where it is. They will

	old are you? Where do you live? Discuss who the with.	adjectives (ma, mon, mes), naming family members. Role play conversation.	the correct vocabulary to write their own versions.	5 different habitats. They will examine the different habitats where plants and then animals can survive. Children will prepare a presentation to share with the class about habitats.	to say 'I have...' 'I don't have...' They will recap on possessive nouns.	spell up to ten nouns (including definite article), tell somebody else what rooms they have in their homes. They will attempt to write a longer piece of writing, using language learned throughout the year.
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