

Mandela Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	Ancient Greece	Life in Athens	World Biomes	North America	The Anglo-Saxons	The Vikings
Enrichment, Trips or Visits	Shakespeare Workshop	The Planetarium Palmers Green Mosque			West Stowe	Tolmer's Camp
English Key text • genres • grammar	Greek Myths- Range of Greek myths Creating our own heroes and mythical creatures to write a Greek myth. <i>-Subject verb identification</i> <i>-Tenses (simple, progressive and perfect)</i> <i>- Expanded own phrases</i> Playscripts- Macbeth Re-writing scenes from Macbeth. <i>- co-ordinating conjunctions</i> <i>- prepositions</i> <i>- adverbs and adverbials (in stage directions)</i> <i>Literature Spine: Who Let the Gods Out?</i>	Oranges in No Man's Land- Diary Diary entry based on main character's experiences in Lebanon. <i>- fronted adverbials</i> <i>- subordinating conjunctions</i> <i>- subordinate clauses</i> Explanation Text- Phases of the Moon Explanation linking to our science topics on the different phases of the moon. <i>- adverbials for cohesion across paragraphs</i> <i>- commas for clauses and clarity</i> <i>- bullet points</i> <i>- colons</i> <i>Literature Spine: Oranges in No Man's Land</i>	Book study: Wonder-Letters (formal and informal) Writing emails and letters as characters from Wonder. Changing the degrees of formality. <i>- Punctuation for parenthesis (brackets, commas and dashes)</i> <i>- degrees of formality</i> The Mysteries of Harris Burdick- Narrative Writing narratives based on the mysterious images from the book. <i>- Relative clauses</i> <i>- Direct speech</i> <i>Literature Spine: Wonder</i>	The Highway Man- Narrative poetry/ Additional verse Writing an additional verse to the poem that tells another part of the story. <i>- poetic devices (figurative language, rhyme, alliteration etc)</i> The Highway Man- Persuasive Speeches Write closing statements to persuade a jury of who is to blame for the death of Bess the Landlord's daughter. <i>- complex noun phrases</i> <i>- modal verbs</i> <i>- apostrophes for possession</i> <i>Literature Spine: Holes</i>	Beowulf- Journalistic Writing Newspaper reports based on Grendel's attack. <i>- direct and indirect speech</i> <i>- Tenses (simple, progressive and perfect)</i> <i>- co-ordinating and subordinating conjunctions</i> The Kraken- Sonnets Creating our own sonnets based on a monster for Beowulf to defeat. <i>- poetic devices (figurative language, rhyme, alliteration etc)</i> <i>Literature Spine: Beowulf</i>	Viking Invasion Narrative A historical narrative based on the Viking invasions. <i>- Semi colons</i> <i>- Expanded noun phrases</i> <i>- clauses</i> <i>- direct speech</i> Recount in character- London Eye Mystery Recounts based on Ted's view of Salim going missing. <i>- colons</i> <i>- adverbials</i> Non-chronological report- Viking Gods Researching Viking gods and presenting our ideas using organisational features. <i>Consolidation of Grammar features</i> <i>Literature Spine: The London Eye Mystery</i>

<p>Maths</p> <ul style="list-style-type: none"> • number • concept 	<p>Number: Place Value Within 1,000,000</p> <p>Number: Addition and Subtraction</p> <p>Statistics: Graphs and Tables</p>	<p>Number: Multiplication and Division 1</p> <p>Measurement: Area and Perimeter</p>	<p>Number: Multiplication and Division 2</p> <p>Number: Fractions 1</p>	<p>Number: Fractions 2</p> <p>Number: Decimals and Percentages</p>	<p>Number: Decimals</p> <p>Geometry: Properties of Shape</p>	<p>Geometry: Position and Direction</p> <p>Measurement: Converting Units</p> <p>Measurement: Volume</p>
<p>Science</p> <ul style="list-style-type: none"> • knowledge • skills 	<p>How can we compare and group materials?</p> <p>Recognise that materials are used in many different ways and for particular purposes within buildings Describe and explain the changes that happen to a material when water is added</p>	<p>How does the Earth's relationship with the sun, together with the movement of the Earth and Moon affect our lives?</p> <p>Describe the shapes, positions and movement of the planets in the solar system and some of the differences between these and stars Use a model to describe and compare the movements of different planets in space Use a model or diagram to explain the effect of the Earth's rotation in space. Use a model to explain why sunrise and sunset occur at different moments in time in different parts of the world Explain how the Earth's tilt leads to seasonal changes Explain how the Earth's tilt affects the times of sunrise and sunset in different places at different times of the year Identify the phases of the Moon and explain why these occur</p>	<p>How can we separate different mixtures?</p> <p>Explain that materials can mix and to demonstrate that mixtures of solid materials can be separated by the technique of sieving Identify through investigation some solids that dissolve and others that do not, and describe how to tell that a solid has dissolved Plan and carry out comparative tests to find out which material is best for picnic plates Explain the processes of evaporation and condensation and how these might help to produce drinkable water from a plentiful supply of seawater Demonstrate and explain how pure salt can be separated from a rock salt mixture, using techniques based on the properties of the materials involved</p>	<p>How do forces affect the way objects move?</p> <p>Use evidence to explain how objects fall through the air Recognise the effects of water resistance Identify and explain the effect of upthrust on objects in water Demonstrate how levers work and how they reduce the force required to move objects Explain why pulleys make lifting objects easier Explain how gears allow a smaller force to have a greater effect</p>	<p>How do plants and animals reproduce?</p> <p>Describe how plants can reproduce asexually, by creating new plants from different parts of the parent plant rather than by producing seeds Compare the life cycles of different animals Define what a mammal is and describe its life cycle Describe the life process of reproduction in amphibians and most insects and recognise this process as sexual reproduction Describe the life process of reproduction in mammals and birds and recognise this process as sexual reproduction Describe puberty in girls and boys</p>	

<p>Computing</p> <ul style="list-style-type: none"> • knowledge • skills 	<p>What can I do to keep myself safe online?</p> <p>Identify how to create a strong password Understand how to customise privacy settings Review the tools and settings that protect against hackers and other threats.</p>	<p>How can I use my knowledge of algorithms and commands to create a multi-player game?</p> <p>Discuss how a game works Control a sprite using input Add a timer to a game Add 2 player functionality</p>	<p>How can we use Excel to analyse data?</p> <p>Explore, analyse and manipulate sports data spreadsheets and create graphic representations. Create spreadsheet formulae to track sports performance. Look at the form a database takes and identify its key purposes and create a database Enter data accurately and use the functions of a database.</p>	<p>How can I effectively utilise the list and variable commands to create a game which tracks the speed, lives and the player's score?</p> <p>Create and clone a sprite Adjust the variables of my algorithm to add difficulty to a game Add a high score to a game to make the game more enjoyable Add an interface to a game</p>	<p>How can we effectively use video films to portray educational messages?</p> <p>Plan a storyboard for a short informative film Write a script for a short informative film Record and edit a video using a range of digital devices and software.</p>	<p>What variables are needed to create a computer game?</p> <p>Design and plan my own computer game Create sprites, backgrounds for project Use sequence, selection, and repetition in programs Review, improve and debug programs Test and feedback on success of program against stated goal</p>
<p>History</p> <ul style="list-style-type: none"> • knowledge • skills 	<p>How have the Ancient Greeks influenced the Modern Western World?</p> <p>Explore what we can learn about everyday life in Ancient Athens from the pottery evidence that remains Identify why Athens was able to be so strong at this time Contrast and compare life in Sparta with life in Athens Identify the importance of democracy in Ancient Greek culture Investigate the importance of entertainment events such as the Olympics in Ancient Greece</p>				<p>Were Saxon times really 'dark'?</p> <p>Explore reasons why the Anglo-Saxons invaded and how we know where they settled Identify how people's lives change when Christianity came to Britain Recount key episodes in the struggle the Saxons faced from the Viking threat of invasion Identify which of King Alfred's achievements were the most significant Explore the effectiveness of Saxon justice</p>	<p>Raiders or settlers: how should we remember the Vikings?</p> <p>Identify where Vikings came from and reasons why they invaded Britain Explore reasons behind contrasting events between Viking and Saxon accounts of the same event Understand the events within the 300-year time period Vikings visited Britain first as raiders then as conquerors Grasp the importance of finds at Jorvik-York in shaping our revised view of the Vikings Identify how we can learn about Viking settlements from a study of place-name endings</p>

<p>Geography</p> <ul style="list-style-type: none"> • knowledge • skills 		<p>How would my life be different if I lived in Athens? Map work to locate Europe, its countries and capitals (including Russia) European cultures Visiting the Mediterranean Migration Similarities and differences between Athens and London</p>	<p>Are all biomes equally fragile? Location of the Earth's biomes Effects of eco-systems Characteristics of the Earth's biomes Damage and protection of biomes Comparisons between biomes</p>	<p>How does the human and physical geography of a region of North America compare with a region of the UK? The countries and different climates of North America Physical geographical features of North America Location of people Time zones Compare Yosemite National Park and the Lake District</p>		
<p>Art</p> <ul style="list-style-type: none"> • knowledge • skills 	<p>Sculpture: Design and make a Greek pot. Explore pottery designs Develop joining techniques Create patterns by scraping and gouging Make thumb and coil pots</p>		<p>Artist Study: William Morris How can I use block printing techniques to create artwork representing a biome? Use sketch books to record observations Review and revisit ideas recorded in sketch books to improve piece. Experiment with ways in which surface detail can be added to drawings. Apply simple use of pattern and texture in a drawing. Design and create a block print in the style of William Morris.</p>		<p>Portraits: Alfred the Great Portraiture Drawing – scale and proportion, creating depth Paint – using watercolours to create skin tones Collage and mixed media</p>	
<p>Design and Technology</p> <ul style="list-style-type: none"> • knowledge • skills 		<p>Mechanical systems: Pulleys or gears Product: Fair Ground Ride Design and make a mechanical system to make a fairground ride move Design and make a wooden construction to support a mechanical system Use sawing, cutting, drilling, gluing and sanding</p>		<p>Food: Celebrating culture and seasonality Product: Burger as a new item on the school dinner menu Research who invented the burger and investigate the impact of burgers on American culture Research and analyse the nutritional value of various types of burgers Choose a burger recipe according to sensory research</p>		<p>Structure: A floating boat Product: Viking Long Boat Research the structure and materials used in a Viking Long Boat Design a floating structure Select appropriate tools and materials to build the structure Build and create the boat, using accurate</p>

				Select and use appropriate utensils and equipment accurately to measure and combine appropriate ingredients Evaluate the final product using a design specification		measuring and joining skills Evaluate the final product using a design specification
PE • knowledge • skills	Dance Unit 1: Telling a story through dance- History link Games Unit 1 (Net/Wall):Developing individual shots	Gymnastics Unit 1: Flight Games Unit 2 (Invasion): Support play and positioning	Gymnastics Unit 2: Bridges (Back care) Games Unit 3 (Striking/fielding): Role of batter, bowler, wicketkeeper/backstop & close/deep fielder	Dance Unit 2: Communicating issues through dance Swimming	Athletics Unit 1: Set targets & improve performance in running, jumping and throwing activities Swimming	Striking/fielding Games: Developing range of roles and positional play Swimming
Music • knowledge • skills	Unit: Livin' On A Prayer Listen and appraise Identify pulse Compare songs in the same style Use musical words when talking about songs Talk about how music makes them feel Singing Sing in unison Sing with awareness of being 'in tune.' Playing Play a glockenspiel with correct technique Select and learn an instrumental part	Unit: Classroom Jazz 1 Listen and appraise Identify music style and instruments played Identify structure of songs Playing Recognize different ways of writing music down Use instruments to play along with songs Compose Talk about a composition Understand what a composition consists of Compose simple melodies Perform Understand what is meant by performance Rehearse and perform	Unit: Make You Feel My Love Listen and appraise Identify style of music Discuss how song makes them feel Understand the story being told through the lyrics Discuss dynamics in the song Singing Learn to sing song Sing in unison Sing with awareness of being 'in tune' Playing Use glockenspiels to play riffs Play notes to music of song Keep pulse and rhythm Perform Perform using instruments	Unit: Fresh Prince Of Bel-Air Listen and appraise Identify instruments in a piece Discuss how a song makes them feel Express likes/dislikes of songs Learn about inspirational women composers Compose Create own lyrics – raps Keep pulse and rhythm Perform Rehearse and perform compositions Record and evaluate	Unit: Dancing In The Street Listen and appraise Identify style of music Discuss how song makes them feel Understand the story being told through the lyrics Discuss dynamics in the song Singing Learn to sing song Sing in unison Sing with awareness of being 'in tune' Playing Use glockenspiels to play riffs Play notes to music of song Keep pulse and rhythm Perform Perform using instruments	Reflect, Rewind and Replay Listen and appraise Identify instruments from a piece Discuss how music makes them feel Explore tempo and dynamics, timbre and texture Perform Rehearse and perform songs learnt from previous units

			Record performances and evaluate them		Record performances and evaluate them	
<p>RE</p> <ul style="list-style-type: none"> • knowledge • skills 	<p>What are the links between human dissatisfaction and the Buddha's teachings? Learn the stories of Gotama Buddha. Explore the meaning of the Buddha image. Discuss the Five Moral Precepts Buddhists try to live their lives by following the teachings of Buddha.</p>	<p>How does learning about the mosque help us to understand community? Understand how the Mosque is a focal point for the Muslim community. Know that when Muslims gather together, they feel a sense of unity in a worldwide community. About Tawhid, Iman, Ibadah & Islamic conduct.</p>	<p>How does what Christians believe affect how they live? Learn about Jesus' life and teachings. Think about the example of Jesus motivates Christians as individuals and communities to social action. Explore the role of the Church as a community.</p>	<p>How does the Jewish family and home enable the Jewish faith and traditions to continue? Understand how the Jewish family and home are central to the continuity of the Jewish faith and tradition. Learn about how the symbols and traditions of Passover involve the whole family in the retelling of key events from the history of the Jewish people</p>	<p>How des being a member of the Khalsa affect the life of a Sikh? Understand why the Gurdwara is the focal point for worships for Sikhs. Discuss the relevance of the Five Ks. Think about the founding of Khalsa and Baisakhi Understand the teachings of Guru Goband Singh Explore the importance of the Amrit Ceremony.</p>	<p>God, who made you? In this unit, children are encouraged to write a letter to God. They will explore their ideas of who or what God is. They will develop their enquiry skills and use knowledge of religions from previous learning to support their questions. Together, they can try to answer their questions using their knowledge of the religions they have learnt about so far.</p>
<p>PSHE / Citizenship</p> <ul style="list-style-type: none"> • knowledge • Skills <p>P4C Theme</p> <p>Events</p>	<p>Physical health and wellbeing: In the media Food advertising Role models and media influencers Image manipulation</p> <p>P4C Theme - Is it ok to lie?</p> <p>Events – Multicultural Week</p>	<p>Identity, society and equality: Stereotypes, discrimination and prejudice Stereotyping including by gender The role of the media in sterotyping Diverse role models Prejudice and discrimination Discriminatory language</p> <p>P4C Theme – Why should I be god?</p> <p>Events – Anti Bullying Week Remembrance Day</p>	<p>Keeping safe and managing risk: Making safer choices Online Safety and friendships Domestic Violence and Abuse Running away from home and going missing</p> <p>P4C Theme – Am I responsible for my actions?</p> <p>Events – Safer Internet Day</p>	<p>Mental health and emotional wellbeing: Dealing with feelings The physical and mental effects of different emotions Times of change Loss and bereavement</p> <p>P4C Theme – Is there other life in the universe and what might life be like?</p> <p>Events – Sports Relief</p>	<p>Drug, alcohol and tobacco education: Different influences Risks associated with smoking drugs and alcohol Laws Media messages Strategies to use when being pressured by peers</p> <p>P4C Theme – Third World Debt</p>	<p>Careers, financial capability and economic wellbeing: Borrowing and earning money Risk associated with borrowing money Debt Enterprise Careers</p> <p>P4C Theme – Identity</p> <p>Events – CREW Week, Values Parliament and Sports Day</p>

Spanish	Do you have a pet? Say and write from memory, with the correct gender and accurate pronunciation and spelling, the eight nouns in Spanish for popular pets. Say and write what my pet is called in Spanish. Ask somebody in Spanish what pet they have. Say and write a short presentation including some or all of the following: my name; my age; what pet I have; what pet I don't have; my pet's name; a connective "y" (and) or "pero" (but).	What is the date? Learn how to recognise, read, say and spell the twelve months of the year in Spanish as accurately as possible. Learn how to ask what the date is in Spanish. Learn how to say the date in Spanish (including a shorter version). Ask the question "When is your birthday?" in Spanish. Say when your birthday is in Spanish. Learn some key dates from the Spanish calendar (traditional Spanish celebrations for example).	The Weather Read and recognise the vocabulary for weather in Spanish. Say and write the vocabulary accurately for weather in Spanish. Ask the question "what the weather is like today?" in Spanish. Answer the question "what the weather is like today?" in Spanish. Describe the weather in different regions of Spain using a weather map with symbols in spoken and written form.	Habitats Say and write in Spanish the key elements animals and plants need to survive in their habitat. Give examples in Spanish of the most common habitats for plants and animals and give a named example of these habitats. Say and write in Spanish which animals live in these different habitats. Say and write in Spanish which plants grow in these different habitats.	The Olympics All about the key facts of the ancient Olympics in Spanish. All about the key facts of the modern Olympics in Spanish. Look out for cognates and highlight key words when decoding longer text to help me to learn how to gist listen and read in Spanish. Read, listen to and recognise the nouns in Spanish for key sports in the current Olympic Games. Say and spell from memory some/all the nouns in Spanish for key sports in the current Olympic Games, with their correct gender/article. Learn to use (conjugate) the verb practicar to help me say what sports I/other people play and what sports I/other people do not play.	Clothes Say and write the vocabulary (nouns with the correct gender and article) for a range of clothes in Spanish accurately and with good pronunciation. Use the verb LLEVAR (to wear) conjugated in Spanish to help me describe what I am wearing and possibly what other people are wearing. Say what clothes I wear in different situations and different weather. Describe what I am wearing in terms of colour using accurate adjectival agreement. Use the correct possessive adjective for 'My' in Spanish in relation to the items of clothing learnt in this unit.
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