



YEAR 5 TERM 2 CURRICULUM MAP

CHOCOLATE!



KEY PRINCIPLES OF THE TOPIC

In this topic, the children's understanding of chronology will be developed further by studying the ancient South American civilisation of the Mayans. They will build on their understanding of the early cultures examined previously and consider the similarities and differences between them. Aspects of Mayan culture will be explored through the arts as well as being recorded through different forms of writing. In addition, the children will taste a variety of chocolate as they study how it is made.

ENGLISH	STORIES FROM OTHER CULTURES Read key texts linked with topic The Mayans. Identify language features, characterisation and viewpoint; write in role a letter from one character to another; plan and retell a whole story from an alternative point of view; plan, draft, edit and review a story from another culture.		NUMBER - DIVISION Identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers; 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; divide numbers mentally, drawing upon known facts; 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; divide whole numbers and those involving decimals by 10, 100 and 1,000; recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³); solve problems involving division, including using their knowledge of factors and multiples, squares and cubes; solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign; solve problems involving multiplication and division, including scaling by simple fractions and
	OLDER/CLASSIC LITERATURE - EXTENDED STORY Read key text 'Charlie and the Chocolate Factory'; widen experience of this genre by reading extracts aloud and watch classic TV/film adaptations; identify differences of custom and attitudes to own experiences through relationships and dialogue; plan and write in the style of a particular author to complete a section of the story, adding dialogue or a new chapter.		
SCIENCE	RECOUNT Read a range of recounts and analyse these from a range of media and identify common features and differences; summarise and present findings and revise the use of reported speech; form news teams and research a topic to report; plan, draft and write a recount using notes made from interviews and research.		MEASUREMENT Convert between different units of metric measure; understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints; measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres; calculate and compare the area of rectangles, including using standard units, square centimetres (cm²) and square metres (m²), and estimate the area of irregular shapes; estimate volume and capacity; 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.
	NON-CHRONOLOGICAL REPORT Read a range of non-chronological reports: recognise the structure and language features; use information collected about a topic (own made up sweets) to plan, draft, write and edit own report.		
SCIENCE	PERSUASIVE WRITING Read and discuss the purpose of persuasive texts e.g. adverts, posters and brochures; analyse and identify features for success criteria; explore one or more issues through discussion and debating; write a one-sided (persuasive) argument linked with a topical issue or topic area such as fair-trade.		HISTORY
	READING Reading is taught in different ways, using a rich variety of texts. During writing sessions, pupils investigate a text in depth, usually linked to topic work. In guided reading sessions, children work in smaller groups, on a range of texts, these sessions are targeted to develop their reading (decoding) and comprehension skills at their individual level. As well as taking books home, a love of reading is encouraged through reading corners, author visits and celebrations of reading and literature. The year 5 programmes of study for VOCABULARY , GRAMMAR , PUNCTUATION and SPELLING will also be followed.		
SCIENCE	MARVELLOUS MIXTURES Know that materials can mix in different ways and that they can be separated; test a variety of solids and identify those that dissolve and those that do not; investigate a variety of solvents or the saturation point of dissolved solids in water; plan and carry out a comparative test in response to a challenge question, identify variables and collect evidence systematically in order to answer their question; describe how to retrieve a dissolved solid from a solution; develop their own method and recognise how and why the amount of drinkable water produced varies; separate a mixture practically and produce a salt solution; explore why salt's properties mean that it is useful to industry; make predictions and careful observations; explain their understanding of what happens using their science subject knowledge and suggest how variables might be changed in further investigations; identified, by testing, the most effective methods to use to clean up contaminated water; explain that water which appears clean to the naked eye may still be undrinkable.		D.T. COOKING AND NUTRITION - CHOCOLATE Know how food can be processed into ingredients that can be eaten or used for cooking; use utensils and other cooking resources safely and hygienically.
	ALL CHANGE Use key vocabulary effectively to communicate their scientific understanding of reversible and non-reversible changes; identify the best combination of materials to use to inflate different containers such as plastic disposable gloves, balloons and plastic bags of varying capacities; set up an investigation to observe the changes that take place when some metals are exposed to the air or water; understand what a flame needs in order to burn, and how the time a candle stays alight depends on the amount of air (oxygen) available and the supply of material that is being burnt; collate the results of observation enquiries, drawn conclusions and presented these; apply findings to a real life situation; work in a group to identify a question and plan and carry out a fair test; explain that the changes they observed are non-reversible; identify the changes that happen to the materials used in the recipe.		
SCIENCE	CIRCLE OF LIFE Understand the main stages of an animal life cycle: birth, growth, reproduction, aging and death; compare and contrast different animal life cycles, identifying common features and differences; know the life cycles of a variety of animals, identifying some common characteristics; invent their own animal, describe in detail each stage of its life cycle and explain how this will ensure its long-term success; know some of the reasons why different types of animals may become endangered and argue a case for an animal under threat.		P.E. GAMES Pass and move on and off the ball; dribble, kick and control the ball with feet or equipment in hockey, football or basketball; travel around the pitch and keep and retain possession; move, pivot and pass in order to achieve this.
	OUR CHANGING WORLD Identify a variety of plants to observe, visit them regularly throughout the year and look for evidence of plant reproduction; record the numbers and types of pollinators they observe.		
R.E.	SIKH BELIEFS Learn what Sikhs believe about God and what does Guru mean; explore what it means to be equal.		M.F.L. Healthy eating La comida sana The return of Spring El retorno de la primavera
	SIKH TEACHING AND LIFE Learn how Sikhs follow rules in their lives; learn about what worship means to Sikhs.		
P.S.H.E. incl. R.S.E. Make judgements and decisions and list some ways of resisting negative peer pressure. RSE To explore the impact of puberty on the body and the importance of physical hygiene To explore ways to get support during puberty To understand that menstruation and wet dreams are a normal part of growing up		WE ARE WEB DEVELOPERS Understand computer networks including the internet; use search technologies effectively; select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals.	

