







Opal Class (Year 3/4)

2024-2025

	Autumn One	Autumn Two	Spring One	Spring Two	Summer One	Summer Two
Topic Title / Information:	Ancient Egypt 	Rainforests 	World War II 	Land Use 	Crime and Punishment 	Extreme Earth 
Enquiry Question	What did the ancient Egyptians believe?	Why are rainforests important to us?	What was the impact of World War 2 on the people of Britain?	Are all settlements the same?	What historical period would you prefer to live in?	Where would you choose to live?
Maths	As Mathematicians , we will study place value, addition & subtraction, area, multiplication & division and measurement.		As Mathematicians , we will study multiplication & division, length & perimeter, fractions, mass & capacity and fractions.		As Mathematicians , we will be learning about time, decimals money, shape, statistics and position and direction.	
English	As Writers , we will develop our skills in 'Talk for Writing' through a range of genres including a wishing tale, instructions, defeat the monster story, persuasive writing and poetry. We will learn to write using a range of sentence types, choose the correct tense, develop our use of speech and openers.		As Writers , we will develop our skills in 'Talk for Writing' through a range of genre including recounts, non-chronological reports, suspense stories and newspaper reports. We will learn to use technical language, write for a range of purposes, use metaphors, similes and fronted adverbials.		As Writers , we will develop our skills in 'Talk for Writing' through a range of genre including Quest/Legend, Persuasive Letter, Losing Tale, Discussion, Calligram and Haiku.	

	<p>As Readers, we will develop pleasure in reading, motivation to read, vocabulary and understanding by:</p> <ul style="list-style-type: none">• Applying our growing knowledge of root words, prefixes and suffixes (etymology and morphology, , both to read aloud and to understand the meaning of new words we meet• Read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word• listen to and confidently discuss a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks• check that the text makes sense to us, discuss our understanding and explain the meaning of some words in context, asking questions to improve our understanding	<p>As Readers, we will continue develop pleasure in reading, motivation to read, vocabulary and understanding by:</p> <ul style="list-style-type: none">• read a wide range of books that are structured in different ways and read for a range of purposes• use dictionaries to check the meaning of many unknown words that we have read• increase our familiarity with a wide range of books, including fairy stories, myths and legends, and retell some of these orally• identify themes and conventions in an increasing range of books• ask questions to improve our understanding of a text• draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying many inferences with evidence	<p>As Readers, we will continue develop pleasure in reading, motivation to read, vocabulary and understanding by:</p> <ul style="list-style-type: none">• prepare short poems and play script excerpts to read aloud and to perform, showing some understanding through intonation, tone, volume and action• discuss some words and phrases that capture the reader's interest and imagination• recognise some different forms of poetry (for example, free verse, narrative poetry)• predict what might happen from details stated and which are implied• identify how language and structure contribute to meaning• retrieve and record some information from non-fiction• participate in discussion about both books that are read to them and those they can read for themselves, taking turns and listening to what others say
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	<p>As Scientists we will plan different types of scientific enquiries to answer questions, including recognizing and controlling variables. We will take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate. We will record data and results using scientific diagrams and labels, classification keys, bar and line graphs. We will use test results to make predictions to set up further fair tests. We will report and present findings from enquiries, including conclusions, in oral and written forms such as displays and presentations. We will identify scientific evidence that has been used to support or refute ideas or arguments.</p>				
Science	<p>As Scientists we will study states of matter.</p> <p>We will identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature, compare and group materials together, according to whether they are solids, liquids or gases, and observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C).</p>	<p>As Scientists we will study sound.</p> <p>We will learn to identify how sounds are made, associating some of them with something vibrating, recognise that vibrations from sounds travel through a medium to the ear, find patterns between the pitch of a sound and features of the object that produced it, find patterns between the volume of a sound and the strength of the vibrations that produced it and</p>	<p>As Scientists we will study animals including humans.</p> <p>We will learn that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food, identify that humans and some other animals have skeletons and muscles for support, protection and movement.</p> <p>We will also describe the basic parts of the digestive system in humans, identify</p>	<p>As Scientists we will study Living Things and their Habitats</p> <p>We will recognise that living things can be grouped in a variety of ways, explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment and recognise that environments can change and that this can sometimes pose dangers to living things.</p>	<p>As Scientists we will study electricity.</p> <p>We will explore where electricity comes from, find out about the risks of electricity and how to stay safe around it, learn about the differences between conductors and insulations and learn how to put together electric circuits.</p>

			recognise that sounds get fainter as the distance from the sound source increases.	the different types of teeth in humans and their simple functions and construct and interpret a variety of food chains, identifying producers, predators and prey.		
Geography		As Geographers we will take a closer look at the mysteries of tropical rainforests. From the layers of the forest and its animal inhabitants to the unique climate found in the tropics. We will compare a British forest with the Amazon rainforest and begin to explore some of the conservation		As Geographers we will take a careful look at the places around us, and begin to look for patterns in land use. We will become cartographers, making maps of the local area, and agricultural surveyors by considering where different types of farming		As Geographers we will learn about the destructive powers of nature, from volcanoes and earthquakes to tsunamis and tornadoes. Through discussion and practical tasks, we will learn about how and why these natural phenomena occur, and the ways in which they affect people and the environment.

		issues surrounding the destruction of rainforest habitats.		activities occur within the UK.		
History	As Historians , we will take ourselves back in time to learn about the look in depth about the achievements of this ancient civilisation. We will learn about how and where the ancient Egyptians lived, what was important to the daily lives of ancient Egyptians, who Tutankhamun was and how mummies were made. We will also learn about how Egyptian people used hieroglyphs to communicate and compare the		As Historians we study all about World War II. We will learn when and why World War II began and find out about the key individuals and countries involved. In addition to this, we will discover what it was like for people on the home front and how they contributed to the war effort. We will also learn all about the roles and responsibilities of the men and women who served in the British armed forces; explore the significance of the		As Historians we will develop our chronological knowledge beyond 1066 through studying this aspect of social history. We will find out about the legacy of the Roman justice system and crime and punishment through the Anglo-Saxon, Tudor and Victorian periods. We will also deepen our historical awareness and understanding of how our past is constructed through studying the famous highwayman, Dick Turpin. We will also compare modern day crime prevention and	

	powers of different gods.		<p>Battle of Britain when learning about different commemorative events.</p> <p>We will develop out investigation and evaluation skills; learn to organise information chronologically and understand how past events have helped to shape the world we know today.</p>		detection methods with those from the past.	
<p>As Historians we will develop an awareness of the past, using common words and phrases relating to the passing of time. We will know where the people and events we are studying fit within a chronological framework and identify similarities and differences between ways of life in different periods. We will use a wide vocabulary of everyday historical terms. We will ask and answer questions, choosing and using parts of stories and other sources to show that we know and understand key features of events. We will understand some of the ways in which we find out about the past and identify different ways in which it is represented</p>						
Art	As Artists we will learn to create our own 3D sculptures.		As Artists we will develop our Painting and Mixed Media skills.		As Artists we will develop out drawing skills.	
D.T.	As Designers we will explore structures by constructing our own castles.		As Designers develop our knowledge of cooking by looking at seasonal eating.		As Designers we will develop our textiles skills by learning to cross stich and applique.	

Music	As Musicians we will listen to and appraise a West African call and response song.	As Musicians we will develop our knowledge and understanding of dynamics, timbre, tempo and motifs.	As Musicians we will create compositions in response to an animation.	As Musicians we will develop our singing technique.	As Musicians we will learn about ragtime style music, traditional jazz and scat singing and create a jazz motif using a swung rhythm	As Musicians we will make an effective pentatonic composition, use a combination of instruments and focus on using a variety of rhythms.
P.E.	As Athletes we will develop our invasion skills by learning to play netball and hockey.	As Athletes we will develop our invasion skills by learning to play football and dodgeball	As Athletes we will learn to perform actions with control and consistency with different speeds and levels through gymnastics and dance	As Athletes we will learn to hit, catch and run through the game of cricket and tri-golf.	As Athletes we will learn to run, jump and throw through athletics. As Athletes we will learn to send and return through the game of tennis.	As Athletes we will learn to send and return through the game of rounder's. As Swimmers we will develop and refine our skills of the basic strokes. We will continue to develop our confidence in the water and increase our awareness of water safety.
RE	As a Theologian we will explore beliefs shape people's lives and how have they changed over time.	As a Theologian we will explore what different Christians believe God is like.	As a Theologian we will learn about how religious people contribute to local & global society.	As a Theologian we will explore where religious & non-religious ideas come from	As a Theologian we will reflect upon the kind of world we want to live in and the impact we can have.	

PSHE/SMSC themes	Family and Relationships	Health and wellbeing	Safety and the changing body		Citizenship	Economic wellbeing
Computing	As Computer Scientists we will learn about networks and the internet.	As Computer Scientists we will explore data handling.	As Computer Scientists we will journey into the computer.	As Computer Scientists we will explore collaborative learning.	As Computer Scientists we will use data handling to investigate weather.	As Computer Scientists we will study online safety.