

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	Anglo Saxons	Vikings	Earthquakes, Volcanoes and mountains in Europe		The Shang Dynasty	LAND OF HOPE AND GLORY
Science	In this topic, the children will learn how sounds are caused by vibrations and understand how sound travels to the ear. They will understand the terms pitch and volume and will investigate both.	In this topic, the children will learn about the digestive system in humans. They will learn about food chains and will use the terms producers, predators and prey.	In this topic, the children will learn to recognise that living things can be grouped in different ways. They will use classification keys to identify different animals. They will understand that environments can change and that this can pose a risk to some living things.	In this topic, the children will compare and group materials together, according to whether they are solids, liquids or gases. They will understand how some materials can change state. They will learn about the water cycle and will identify the part played by evaporation and condensation.	In this topic, the children will identify common appliances that run on electricity. They will construct a simple electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers. They will learn about switches and use the terms insulators and conductors.	In the summer term the children will focus on the skills of working scientifically. The children will ask relevant questions and come up with scientific enquiries to answer them. They will create fair tests, and make systematic measurements. They will record their results and present their findings.
History	In this topic, the children will learn about the Anglo Saxons and why they invaded Britain. They will consider what life was like in an Anglo-Saxon Village and contrast this with other periods of history already studied. They will learn about the burial site of Sutton Hoo, and explore what this tells us about life in Anglo Saxon times	In this topic, the children will build upon their studies last term and learn about the Viking invasions of Britain, specifically the Lindisfarm invasion. They will learn about Danelaw and what life was like in Viking Britain. Drawing on their previous topic the children will learn about Alfred the Great and how the Vikings and Anglo Saxons co-existed, although not always peacefully, in Britain until 1066.			In this topic, the children will learn about the Shang Dynasty and build upon their understanding of ancient civilisations. They will learn about archaeological discoveries such as the Oracle bones and Fu Hoos tomb and what this tells us about the Shang Dynasty. The children will use prior knowledge of the ancient Egyptian and the Bronze Age to compare and contrast time periods.	
Geography			In this topic, the children will learn about volcanoes and earthquakes. They will learn how they occur and consider the impact they have on people around the world.	In this topic, the children will learn about the European country of Italy. They will consider its location and physical geography and consider how it is different from England. They will consider Italy's culture and place as a tourist destination before completing a study of Italy's mountain ranges. The children will then		In this topic, the children will learn about our capital city. They will locate it on a map and look at aerial photographs of London and its surrounding areas to understand land usage. They will look at transport links in London and understand that the Tube is fundamental to transport within the city. They will build upon their work done earlier in the year on Italy and compare Rome and London.

				also learn about the formation of mountains.		
ICT	In this topic, the children will learn to produce a short stop frame animation using I Can Animate and Movie Maker. They will edit their work and add titles and music.	In this topic, the children will develop their skills using Microsoft Excel and Forms. They will produce a survey or quiz in Forms and record results using Excel.	In this topic, the children will develop their programming skills using Scratch. They will effectively use costumes, variables, operators and broadcasts.	In this topic, the children will continue the work on programming in Scratch. They will develop a chase and collect game.	In this topic, the children will program Spheros. They will design a 'swimming costume' for the Sphero to help it move through water.	In this topic, the children will be introduced to Microsoft Publisher. They will produce an informative leaflet in Publisher and learn to format, insert text boxes, organise their layout and insert images.
DT	In this topic, the children will learn how cams are used to create movement. They will learn to use screw drivers and drills safely and to join and combine materials and components accurately.	In this topic of work the children will learn to build a catapult. They will learn about pulleys and levers and explain how they work. They will learn how to use the tools safely and accurately.		In this topic, of work the children will design and make pizzas. The children will learn to use cooking utensils accurately including weighing scales, graters and baking trays.	In this topic, the children will build upon their work in Science to build an electrical game based upon building a circuit. They will learn to use a clamp, saw and vice to cut wood safely and accurately. They will then test and evaluate their products.	
PE	Baseline assessment Invasion Games	Athletics Invasions games	Gymnastics Invasion games	Gymnastics Invasion games	Net and wall games Striking and fielding Swimming	Athletics Striking and fielding Swimming
Art		In this topic, the children will learn to build texture using watercolour techniques' and different brush strokes. They will also develop their sketching skills.		In this topic, the children will learn about the artist Giuseppe Arcimboldo. They will learn about this particular style and them use this as basis for their own work.		In this topic, the children will be introduced to printing. They will experiment with different printing techniques including press, roll, rub and stamp to create different textures. They will combine this with their earlier work on watercolour to create a depiction of the London Skyline.
Music		In this topic, the children will prepare for their Christmas performance. They will learn to perform songs in various different styles.		In this topic, the children will learn about soul and gospel music. They will learn to sing in unison and will make their own compositions Charranga: Lean on Me.		
RE	In this topic, the children will learn what a shrine is and why it is important in a Hindu home. They will discover what happens in an act of worship in the Hindu home.	In this topic, the children will explore the traditions of Advent and Christians around the world with a focus on Mexico, Poland and Norway.	In this topic, the children will consider what it is to belong and where they belong. They will focus on the Sikh faith and look at the signs of belonging to this. They will then consider how new babies are welcomed into both the Sikh and Christian faith.	In this topic, the children will consider why it is important to share food. They will look how food is shared as part of Sikh and Christian worship. They will look at the last supper and how Jesus shared a meal with his disciples.	In this topic, the children will consider why the bible is special to Christians, and how it is regarded and handled by Christians. They will also look at how the Guru Granth Sahib is handled and regarded by Sikhs.	In this topic, the children will be introduced to the Bhagavad Gita or 'Song of God', which contains the most important and popular Hindu Sacred text, the Mahabharata. The children will consider what they can learn from Hindu stories.
PSHE	In this topic, the children will learn about health and wellbeing. They will set goals for themselves and understand what they are good at.	In this topic, the children will learn about health and wellbeing. They will learn how their bodies	In this topic, of work the children will learn about relationships. They will learn about acceptable	In this topic, the children will learn how to solve disputes and conflict with their peers. They	In this topic, the children will learn about living in the wider world. They will learn about the customs of others	In this topic, the children will learn about living in the wider world. They will focus on money and how to manage it. They will learn how to

	They will learn what a balanced lifestyle is and the importance of making good choices. They will learn about drugs that are common to everyday life and the importance of hygiene.	change in puberty and understand how things in life can change and begin to understand the feeling associated with these. The children will learn how to safe within the local environment and the people who help you to do this. The will also learn how to stay safe online.	and unacceptable physical contact. They will also learn about keeping things confidential or secret. They will understand when to break a confidence.	will listen and respond appropriately to other people's views and give their own.	around the world. They will also learn how resources are allocated in different ways across the world and how this impact in communities.	manage a budget. They will begin to understand what is meant by interest and loans in relation to money. They will use this knowledge of money to help design an enterprise project to raise money to support a cause they believe to be worthwhile.
Spanish	In this topic, the children will learn to count to 31. They will be able to ask how old someone is. They will also learn about the objects in the classroom.	In this topic, the children will ask where to find different shops and will be able to give the directions, left, right and straight on.	In this topic, the children will learn to introduce their mother, father, brother, sister, grandma, grandad and friends. They will also learn to name the parts of the face and give hair and eye colour.	In this topic, the children will name the parts of the body and will be able to give simple descriptions including colour and size.	In this topic, the children will learn to say if they feel unwell. They will also learn about jungle animals and give simple description of these including colour and parts of the body.	In this topic, the children will learn to describe the weather. They will also learn to order ice creams of various flavours.
Events/ visits	Professor McGinty		Parent sessions- Bug boxes		Outdoor and Adventurous trip	