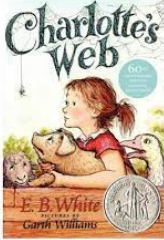
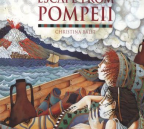
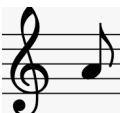




Our Year 4 Curriculum - Autumn 2



Lens 	Landscape
Big Question 	Why do volcanoes and earthquakes occur in similar locations? This links to their geography learning as pupils explore the locations of tectonic plates.
Year 4 Production 	Year 4 will be performing the pantomime 'Cinderella & Rockerfella' with songs, dance and drama. We will be working on this in PE (dance), music (performance), and English (drama and performance). Children will be bringing scripts home to rehearse to be prepared for their part. Thank you for your support with this in advance.
Maths 	Area: Pupils will learn that area is the amount of space taken up by a two-dimensional shape or surface. Multiplication & Division: Pupils will learn their multiplication and division facts up to 12 x 12. They are expected to also practise these regularly at home. Pupils will consider the patterns they notice when dividing and multiplying by 1 and 0.
English  	Reading: Charlotte's Web by E.B. White Escape from Pompeii by Christina Balit Writing: This half term we will be composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures. We will be creating settings based around Escape from Pompeii and using and punctuating direct speech accurately in a narrative based around Charlotte's Web. We will continue to use conjunctions, adverbs and prepositions to express time and cause and possessive apostrophes for both singular and plural nouns. The children will also apply their knowledge of fronted adverbials and conjunctions to their writing to ensure that their writing is cohesive.
Geography 	Extreme Earth: Natural Disasters This term, the children will be learning about natural disasters , such as earthquakes and volcanoes . They will discover where in the world these disasters are most likely to happen and explore why they occur. The children will learn about tectonic plates , the Pacific Ring of Fire , and how volcanoes are formed. They will also study the layers of the Earth , finding out how these connect to natural disasters. They will also be using a digital mapping programme to make digital maps and explore the locations of earthquakes and volcanoes! Educational Visit: Natural History Museum
Science 	Electricity - Circuits, insulators & conductors This term, the children will explore the question: Does electricity flow easily through all objects? They will learn that electricity flows well through some materials, called conductors , and not so well through others, called insulators . The children will find out how cells work together to make a battery . They will also investigate how

	electrical circuits work and see how different components, such as bulbs and buzzers, behave when electricity flows through them.
Religious Education 	Origin Stories of Different Religions We will be looking at different religious stories about the creation / beginning of the universe. We will look at the similarities and differences between Abrahamic and Dharmic stories. We will be focusing on these religions: - Abrahamic - Christianity, Judaism, Islam - Dharmic - Hinduism, Buddhism, Sikhism
PSHE 	How Can We Manage Risk in Different Places? This term, the children will learn how to stay safe in different situations. They will find out how to use electrical appliances safely and how to make sensible choices when out and about. The children will learn how to spot and manage risks. They will also explore how people can reduce risks during natural disasters. Finally, the children will discuss how everyone has the right to feel safe, and how this right might change in certain situations, such as during a natural disaster. British Value: Democracy Educational Workshop: Road Safety Workshop
Music 	Year 4 Production Children will experience: Learning lines: Dedication and commitment Stage Management: remembering instructions/direction, scene changes, scenery, props Rehearsal skills: Listening to instructions, patience, working as a team, repeating lines/songs to internalise Acting: Expression on face, expression in voice when talking and using body movements to convey meaning Building confidence Projecting voice Responsibility for costumes Perform solos and ensembles using voices and instruments to a large audience
Computing	Collaborative Learning This half term, pupils will consolidate previous learning from last half term's computing.

PE  	Outdoor PE OAA (outdoor adventurous activities) allows our pupils to develop problem solving skills through a range of challenges. Pupils work independently, as a pair and in a small group to plan, explore, solve, reflect and improve on strategies. Pupils develop communication skills, taking on the role of a leader and working within a team. Pupils develop navigation skills including orientating a map, identifying key symbols and drawing and following a route. Much of this unit was taught through our day at Epping Forest. Indoor PE This half-term, pupils consolidate their previous learning of dance skills into a practical scenario in the Year 4 pantomime Swimming: This half-term, the children will be strengthening their water safety skills. They will practise floating on their backs and fronts for around 15 seconds, as well as sculling, retrieving sinkers, and using straddle entries safely. The children will work on treading water, gradually building up their stamina to stay afloat for longer. They will also learn how to enter and exit the water safely, and how to fall into the water and swim to the side with control. Towards the end of the term, children will be invited to bring pyjamas for a special water safety session, where they will experience swimming in clothes and practise inflating them for extra buoyancy.
Design and Technology 	Torches This term, the children will be learning about electrical systems. Their challenge will be to design and make a light source to help Ms V and Zuki stay safe while walking at night. The children will explore different designs and materials, and experiment with making their own switches. For their final project, they will build an electrical circuit and design the outer casing of their torch, combining creativity with practical skills.