

Year 4 Curriculum 2020/2021

Autumn 1

Playlist (sound)

What's that noise? A bash? A crash? A shake, a rattle or a low, bass hum? Discover how sounds are made and which sounds travel the furthest? Can sound travel in Space? What materials absorb sound more? Time to investigate!

Electricity

Prepare to be amazed by the shocking energy of Electricity! What uses electricity? What makes an electrical circuit? Do all materials conduct electricity? Investigate different ways of making circuits and what happens when more bulbs are added? Can you get the motor to work?

Autumn 2

Burps, Bottoms and Bile

Open wide – let's take a look inside. We're on a voyage of discovery to investigate the busy world inside your body. Do you have a toothy grin or a winning smile? Test the effects of sugary substances on your pearly whites. Follow a tasty morsel as it makes its way through your digestive system, helped by some mouthwatering saliva. And don't forget the importance of good hygiene at both ends. Are you brave enough to take the challenge? Make a working model of the digestive system and use it to persuade others to eat healthily. Learn how to look after this marvellous belching, squelching, mixture making machine we call our body.

Spring 1

Blue Abyss

Grab your wetsuit. We're going deep into an underwater world of incredible coral and mysterious sea creatures. Head to your local aquarium and learn about life in the ocean. Can you pick a favourite fish, plant or animal? What do real divers get up to below the surface? Time to go a little deeper into our seas. Travel to the deepest, darkest places on Earth. Flippers on? Snorkel ready? Let's head into the Blue Abyss.

Spring 2

Traders and Raiders

Big and strong, powerful and brave, the Saxons wave their battle axes and brandish their swords as they begin to invade Britain's shores. Sail back to the Dark Ages, where battles were rife and fear reigned. Find out about the lives of the Saxons, including how they lived and where they came from. Meet the bloodthirsty Vikings from Scandinavia – never before had such terror swept the land. Are you ready to shine a light on the dangerous and deadly Dark Ages?

Summer 1

Potions

Potion: a poison, a mixture, an aromatic brew, a vapour, a liquid or sticky goo. Welcome to the amazing magical world of potions and their properties. Now scientists, beware. There are some powerful and deadly potions out there, dangerous, unpredictable or tragic (just ask Romeo and Juliet.) Use what you know about materials and their properties to create incredible potions in Professor Hazard's Potions class. Feeling sleepy? That orange juice did taste a little strange...

Summer 2

Misty Mountains, Winding Rivers

Off we go on another adventure! This project teaches children about the characteristics and features of rivers and mountain ranges around the world, including a detailed exploration of the ecosystems and processes that shape them and the land around them.