



Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Unit Title</b>	<b>Who is taking control?</b>	<b>A voyage of discovery</b>	<b>Who's the mummy?</b>	<b>Angry Earth'</b>	<b>'A time to shine'</b>	<b>'You choose'</b>
<b>English</b>	Children will be writing stories with robots and machines as the theme. We will be learning a story and a newspaper article by heart before using what we have learned to write our own pieces of writing.	We will be learning a historical story called 'Lizzie Dreaming' which will help us to learn about advanced sentence openers. In addition, we will be learning about writing a letter and beginning to use a range of formal features.	We will be identifying the key features and purposes of myths through studying the story of Isis and Osiris. We will then write our own creation myths, before writing a set of detailed and graphic instructions for the mummification process!	We will be writing stories, diaries, reports and poetry based upon people who live near volcanoes and 'The last day of Pompeii'	Revision activities using a selection of factual and non-fiction writing based around: recount persuasive instructions informative explanatory imaginary/story  Pupils will revisit prior KS2 English learning,	Retrieve, record and present information from non-fiction.  Persuasive presentation to a celebrity or sportsperson.  Letter writing.  Factual report writing.  Graphic novels and comic strips.
<b>Maths</b>	Pupils will be introduced to 2 step function machines exploring different algorithms using the inverse for the four operations	Pupils will be calculating distances using a range of units of measure. Our measurements will be related to our science Investigations. We will start to present our results in graphs and interpret a range of charts.	We will be investigating Egyptian numbers and solving calculations involving multiplication, problem solving and number puzzles	We will be looking at the data involved in volcanic eruptions alongside revision towards our SATS	Revision activities based on: Algebra Calculation Fractions, decimals and percentages Geometry Measurement Place value Ratio and proportion •Statistics	Pupils will investigate maths in their games and fitness alongside the numeracy curriculum objectives.
<b>Science</b>	Light: Children will plan a fair test related to light. The will investigate shadows and how light reflects and refracts. They will also investigate mixing coloured light.	Evolution and Inheritance: Children will learn about simple genetics and inherited characteristics. They will learn about variation and how this is linked to survival. They will also learn about Darwin, Anning and Wallace.	SRE: Children will learn about similarities and differences in animals and plants. They will look at pollination and fertilization in plants. Children will investigate lifecycles of plants and humans and finally changes that occur during puberty.	Living things and their habitat: Children will make classification systems and design a new creature to fit a specific classification. They will also be observing, recording and classifying living things in our area.	Heart and circulatory system: Children will be observing and testing heart rate with physical exertion. They will also be learning about the circulatory system.	Revision: Children will be reviewing all areas through planning practical investigations.

<b>Geography</b>	Children will be learning about 'what we need' in terms of energy. They will be finding out about how energy is produced and distributed, as well as thinking about ways we can save energy.	We will use the voyage of the HMS Beagle (Darwin's ship) and Darwin's recounts of the voyage as a springboard from which to find out about: Latitude, Longitude, Equator, Northern and Southern Hemisphere, Tropics of Cancer and Capricorn, Arctic and Antarctic, Time zones, Climate zones, Biomes, Vegetation belts and Volcanoes.	We will be looking at the location of Egypt on a world map before studying its geographical features. To show what we have learned, we will write a fact file on modern Egypt's geographical features.	We will be learning about types of volcanic eruptions, the benefits of living near volcanoes, about tectonic plates and the formation of volcanoes. We will also learn the location of volcanoes and earthquake zones.	N/A	NA
<b>History</b>	N/A	N/A	We will be learning about the Ancient Egyptians using a timeline and a family tree of Egyptian gods. There are so many other great things to find out about, including: <ul style="list-style-type: none"> <li>· Pharaohs</li> <li>· Mummification</li> <li>· Symbols and hieroglyphics</li> <li>· Pyramids</li> </ul>	We will be learning about the impact of the Vesuvius eruption. This will include looking at: evidence of the eruption, an eye-witness account and evidence from Pompeii. We will also learn about family life in a Roman city and Roman houses.	Rock n' roll, Beatlemania, punk rock, Live Aid and much more! We will compare and contrast past and present trends and fashions. We will also investigate causes and consequences of events	NA
<b>Design Technology</b>	Pupils will develop in teams a controllable robot which moves and can push a ball, incorporating electrical and mechanical components (bulbs, cells, lights, buzzer, pulleys, motor, wheels and axles)	N/A	N/A	NA	Pupils will design and make a logo for a band that will be added to a white t-shirt. Children will develop their textile printing skills through different methods.	Children will research, plan, prepare, cook and evaluate a healthy stir-fry using seasonal ingredients.

<b>Art and Design</b>	N/A	We will be learning about Leonardo da Vinci and his study of biology/ zoology. We will design and build an 'evolution' totem pole and have a competition to design newly evolved animals e.g. what would eventually happen to giraffes on an island where no tall trees grow? Or camels continuously surrounded by a fresh supply of water?	Children will be making authentically decorated jewellery inspired by Ancient Egyptian design and creating realistic versions of canopic jars. We will visit Truro Museum to look at some real life examples, as well as modelling our own artefacts from clay.	We will be learning the sgraffito technique with oil pastels and acrylic paints. We will analyse volcano images by famous artists. Finally we will create a large class collage.	N/A	N/A
<b>Music</b>	Children will compose and perform electronic or synthesised music and explore the effects of altering pitch, tone, rhythm, pace, dynamics etc.	Using what we know about pitch, dynamics and tempo, we will compose our own pieces of music that tell a story of a discovery. We will perform our pieces and evaluate each other's work.	In addition to our regular singing lessons, we will be adding accompaniments to songs, inventing and exploring rhythm patterns and listening to music with an Egyptian theme.	We will listen to and comment upon Stravinsky's 'Rite of Spring'. We will use notes from the pentatonic scale to make improvised melodies and perform them.	Children will learn about several key music genres between 1960 and present day and become music critics	Children will listen to rap music and analyse the characteristics of this genre then compose their own rap as a class, on the subject of healthy choices.
<b>Computing</b>	' <u>We are explorers</u> ' During this unit we will be creating geotrails using Google Earth and adding photographs of our local area. We will discuss sharing photographs safely and talk about copyright.	' <u>We are fundraisers</u> ' As part of this unit we will be holding a Charity fundraiser. To raise awareness of the event we will create posters and track our outgoings against the money raised using a spreadsheet.	' <u>We are game developers</u> ' Children will be programming an adventure game using Scratch - child friendly programming software. Children will learn to control an on screen object by giving accurate instructions.	' <u>We are environmentalists</u> ' After completing research about climate change, children will be modelling the effects of climate change on our planet in video form using Windows Movie Maker.	' <u>We are web developers</u> ' This unit will teach children how to post information online safely, whether as part of a website or a wiki page. We will spend lots of time talking about e-safety and ensuring that children know how to stay safe.	' <u>We are publishers</u> ' We will be working together as a class to create a Year 6 Leavers Book. The unit will give us an opportunity to show what we have learned about photography, image editing, text editing and publishing.
<b>Social, Moral, Spiritual, Cultural</b>	We will be learning to understand some of the ways Muslims show commitment to God and to evaluate whether there is a best way.	We will be learning to analyse the Christian belief about incarnation.	We will be learning to evaluate different beliefs about eternity and to understand the Christian perspective on this.	We are learning to examine the influences Christianity still has in the world and evaluate whether it is still a strong religion.	We are learning to identify ways in which Muslims try to lead good lives and how their belief in Akhirah (life after death) influences this.	We will be learning about the significance of Truro Cathedral and the importance of it to local people.

<b>MFL</b>	We will be learning about where in the world French is spoken, as well as beginning to use polite and friendly greetings. We will learn some traditional French songs.	Through interacting with Le Père Noël (father Christmas!) we revise greetings and simple conversation questions and answers. We will also learn numbers 1–12 and listen to some traditional French Christmas songs.	We will practise vocabulary for parts of the body by singing a song and listen to a description of an Egyptian God or Goddess and deduce meaning through previously learned language or cognates.	Pupils meet Michelle Manaudou the French Volcanologist and travel with her to La Réunion. We will look at the deadliest volcanic eruptions and when they occurred and practise our numbers and dates. finishing with creating a holiday diary.	Les Beatles! Yé Yé! Meet the Fab Four and their French contemporaries Les Lionceaux and Jacques Brel.	Pupils will learn how to invite others to participate in different activities, and will learn to accept invitations. However, they will also learn to turn down an offer and give reasons for not wanting to do it.
<b>PE</b>	Invasion Games Hockey Children will be learning key skills linked to passing, stopping and traveling. This will feed in to our ability to play as part of a team.	Invasion Games Tag rugby Children will be learning key skills linked to passing, stopping and traveling. This will feed in to our ability to play as part of a team building on our hockey lessons in a new context.	Gymnastics Children will be developing specific skills to link a range of movements. There will be a focus on evaluating their performances through filming.	Net Games Tennis Children will develop their ability to set up activities to practice skills linked to tennis. They will also be developing recording scoring and umpiring.	Orienteering Children will develop their mathematical and geographical skills in the context of PE	Striking and Fielding Rounders and Cricket Children will be working as a team and developing their striking and fielding. They will also be developing recording scoring and umpiring.