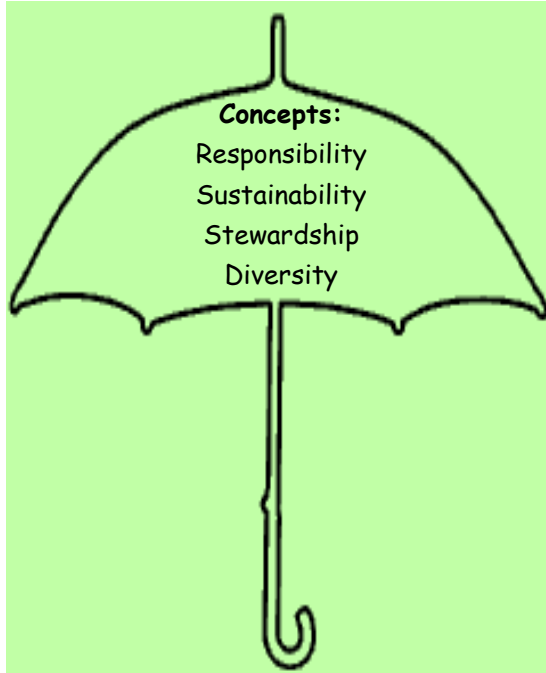


Explore

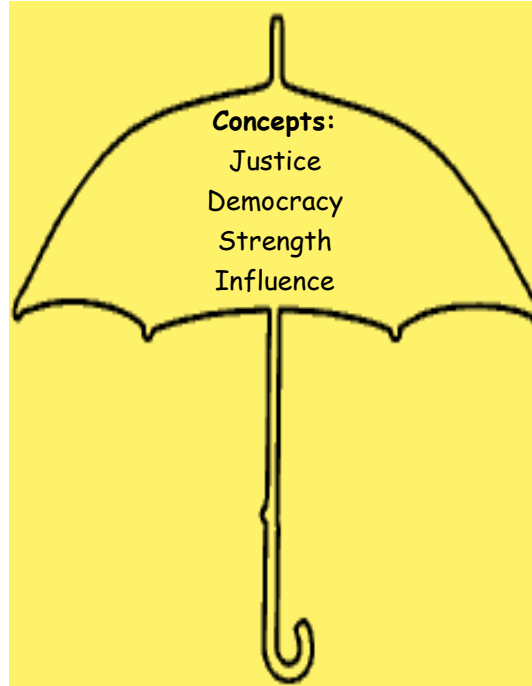
The rainforests and the polar regions
Enquiry question: How do our actions affect other environments in the world?



Authentic Outcome:
To create a television documentary to show others why we should act responsibly to protect the rainforests and polar regions

Discover

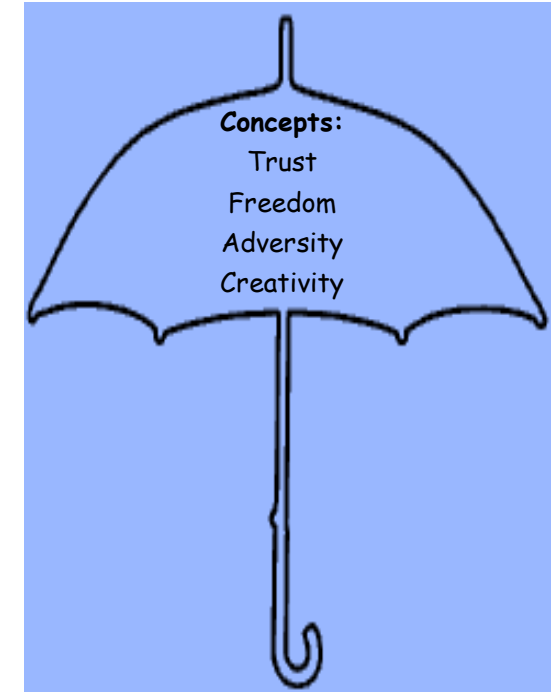
The Ancient Greeks
Enquiry question: How have the Ancient Greeks influenced the world today?



Authentic Outcome:
To create an interactive Ancient Greek museum experience

Create

Freedom of expression
Enquiry question: Why is it important to have freedom of expression?



Authentic Outcome:
To create an art gallery and performances which show freedom of expression



Year	Autumn Term - Key Skills	Spring Term - Key Skills	Summer Term - Key Skills
English (Texts)	The Great Kapok Tree (Lynne Cherry) Coming to England (Floella Benjamin) The Firework Maker's Daughter (Philip Pullman) Polar Adventures (Paul Dowswell)	Ancient Greek Myths: The Story of Icarus, Theseus and the Minotaur, The Trojan Horse Sulwe (Lupita Nyong'o) Charlotte's Web (E.B. White)	Matilda: Roald Dahl (Roald Dahl) Bills New Frock (Anne Fine) Perry Angel's Suitcase (Glenda Millard) The Long Road to Freedom (Nelson Mandela)
Maths	<ul style="list-style-type: none"> • Number and Place Value • Addition and subtraction • Multiplication and division • Geometry (taught through topics) 	<ul style="list-style-type: none"> • Multiplication and division • Fractions • Statistics (taught through topics) 	<ul style="list-style-type: none"> • Decimals linked to fractions • Decimals as numbers • Money • Measure (taught through topics)
Science	<p>Predictions and conclusions</p> <ul style="list-style-type: none"> • Prediction skills • Conclusion skills • Opportunities to record results in own way. <p>Living things and their habitats:</p> <ul style="list-style-type: none"> • Understand that living things can be grouped in a variety of ways • Use classification keys to help identify living things in the wider environment • Understand that environments can change and this can pose a danger to living things 	<p>States of matter:</p> <ul style="list-style-type: none"> • Understand materials can be grouped and compared according to whether they are a solid, liquid or a gas • Understand some materials change state when they are heated or cooled. • Understand temperature is measured in degrees Celsius (°C) • Understand that evaporation and condensing are main parts of the water cycle. • Understand the rate of evaporation changes according to the temperature <p>Animals including humans:</p> <ul style="list-style-type: none"> • Understand different types of human teeth and their functions • Understand how and why human teeth decay and how to look after them • Understand how the human digestive system works • Understand the teeth of different animal are designed to eat different kinds of foods 	<p>Sound:</p> <ul style="list-style-type: none"> • Understand how sounds are made and that it is because something is vibrating • Understand that vibrations from sound travel through a medium to the ear • Understand that there are patterns between the pitch of a sound and the size of the object that produced it • Understand that sounds get fainter as the distance from the sound source gets further <p>Electricity:</p> <ul style="list-style-type: none"> • Understand that electricity can occur naturally • Understand the different ways electricity can be generated • Understand the difference between renewable and non-renewable sources of energy • Understand how electricity travels from power stations to homes • Understand the difference between mains and battery as energy sources • Understand the difference between insulators and conductors



		<ul style="list-style-type: none"> • Understand animal food chains 	<ul style="list-style-type: none"> • Understand how to create a complete electrical circuit • Understand how to break an electrical circuit using a switch
Geography	<ul style="list-style-type: none"> • Understand the difference between the Southern and Northern hemisphere. • Understand the variation of climates between North and South America, and in other areas of the world. • Know some of the countries that make up North and South America. • Know the 6 types of climate and some of the areas in the world where these are. • Know some climates that have harsh conditions and others that have vegetation. • Be able to identify where different biomes are located. • Make links between biomes and climate zones. • Understand the differences between polar biomes and the rainforest. • Describe and understand the key aspects of different biomes and vegetation belts • Understand the economic impact of the sourcing, production, and trade of palm oil. • Explain the layers of the Rainforest. 	<ul style="list-style-type: none"> • Understand the geographical position of Ancient Greece in the world • Understand the climate of Ancient Greece 	



	<ul style="list-style-type: none"> • Know the names and features of different types of biomes. 		
DT	<p>Rainforest transportation system</p> <p>Polar creature puppets</p> <ul style="list-style-type: none"> • Choose suitable techniques to construct products • Strengthen materials using suitable techniques • Cut materials accurately and safely by selecting appropriate tools • Measure and mark out to the nearest millimetre • Apply appropriate cutting and shaping techniques that include cuts within the perimeter of the material (such as slots or cut outs) • Select appropriate joining techniques or resources • Understand the need for a seam allowance • Join textiles with appropriate stitching • Select the most appropriate techniques to decorate textiles • Use Scientific knowledge of the transference of forces 	<p>Ancient Greek Food</p> <ul style="list-style-type: none"> • Prepare ingredients hygienically using appropriate utensils • Measure ingredients to the nearest gram accurately • Follow a recipe • Assemble or cook healthy ingredients (understanding the control of the temperature of the oven and hob) 	<ul style="list-style-type: none"> •
History		<ul style="list-style-type: none"> • Study Ancient Greek life and achievements and their influence on the western world • Place events in chronological order • Begin to give a few reasons for, and results of, main historical events and changes to expand knowledge base enabling a developing understanding of 	



		<p>links between events and developments within and across periods</p> <ul style="list-style-type: none"> • Identify and select some of the different ways of representing the past and give reasons for this • Make simple deductions from sources • Communicate history through a structured context • Devise questions about changes and causes • Use a range of sources to learn from • Use historical vocabulary • Recognise similarities and differences between historical periods 	
Music	<ul style="list-style-type: none"> • Listen to rainforest music • Identify sounds and instruments used to create the sounds of rain and of rainforest creatures • Discuss and appraise music • Improvise using instruments that can create the sound of rain/rainforest sounds/a storm • Use rainmakers, tambourines, drums, tambours, triangles, maracas, Indian bells to compose a piece of rain music • Change tempo, dynamics and texture during a composition • Create a coda for the ending of a piece of music • Perform a composition to others and record on an iPad • To create a class rainstorm with hands 		<ul style="list-style-type: none"> • Describe the feelings different pieces of music evoke • Discuss what it is in a piece of music that can create these feelings • Begin to recognise how a composer chooses instruments and how they're played to create emotion <p>Improvise mood music - choose up to four emotions and play percussion instruments to create the mood</p> <ul style="list-style-type: none"> • Include the elements of music: tempo, dynamics and pitch to create a composition to describe a mood/ character / event in a story. • Use informal notation to record the piece of music - include names of instruments to be played, and the different elements of music. • Compose a song inspired by Matilda, Roald Dahl



Art	<ul style="list-style-type: none"> • Sketching and pencil drawings • Collage • Watercolours • Calligraphy 	<ul style="list-style-type: none"> • Sketching and pencil drawings • Collage • Watercolours • Silhouettes 	<ul style="list-style-type: none"> • Discuss and review own work • Use sketchbook to plan and try out art ideas • Use appropriate terms when discussing skills and techniques • Explore the work of different artist, architects and designers in history • To work in the style of other artists • Develop patterns using different grades of pencils • Begin to develop a sense of scale and proportion within art • Mix colours confidently • Use light and dark in art • To coil, join and decorate within clay work • Create sculptures using recyclable materials • Create repeating print patterns
Computing	<p>Internet safety:</p> <ul style="list-style-type: none"> • Understand how to protect themselves from online identity theft • Understand that information put online leaves a digital footprint • Identify the risks and benefits of installing software and apps • Identify appropriate behaviour online • Identify the positive and negative influences of technology on health and the environment • Understand the importance of balancing game and screen time with other parts of life 	<p>Effective searching:</p> <ul style="list-style-type: none"> • Locate information on the search results page • Use search effectively to find out information • Assess whether an information source is true and reliable <p>Coding:</p> <ul style="list-style-type: none"> • Use selection in coding with the 'if/else' command • Understand and use variables in 2Code. To use flowcharts for design of algorithms including selection • Use the 'repeat until' with variables to determine the repeat • Learn about and use computational thinking terms decomposition and abstraction. 	<p>Animation:</p> <ul style="list-style-type: none"> • Discuss what makes a good animated film or cartoon • Learn how animations are created by hand • Find out how 2Animate can be created in a similar way using the computer • Learn about onion skinning in animation. To add backgrounds and sounds to animations • Begin to understand to 'stop motion' animation • Share animations <p>Spreadsheets:</p> <ul style="list-style-type: none"> • Format cells as currency, percentage, decimal to different decimal places or fraction • Use the formula wizard to calculate averages. Combine tools to make spreadsheet activities such as timed times tables tests • Using a spreadsheet to model a real-life situation



		<p>Writing for different audiences:</p> <ul style="list-style-type: none"> • Explore how font size and style can affect the impact of a text • Use a simulated scenario to produce a news report • Use a simulated scenario to write for a community campaign 	<ul style="list-style-type: none"> • Add a formula to a cell to automatically make a calculation in that cell. <p>Hardware investigators:</p> <ul style="list-style-type: none"> • Understand the different parts that make up a computer • Recall the different parts that make up a computer.
PSHE	<ul style="list-style-type: none"> • Be able to speak clearly about how we feel about changes in our lives and have strategies to help us deal with them • Have strategies to help us find positive things to strive for • Understand that not all friendships are good or equal • Know the difference between acceptable and unacceptable touch • Understand and have strategies to deal with family change 	<ul style="list-style-type: none"> • Be able to offer basic advice and first aid • Recognise the affect and risk of drinking alcohol • Understand that it is our own responsibility to make different types of healthy choices including those about food and fitness • Know that liberty is down to our freedom choice • Begin to recognise and understand what racism looks like and the effects it can have 	<ul style="list-style-type: none"> • Be able to discuss what is meant gender equality and understand that all people are should be open to the same opportunities regardless of gender and receive the same rewards • Understand more about possible careers for the future and begin to map out how to make and meet longer term goals and targets • Know the difference between borrowing and lending money and understand that banks may offer these services but that there is a charge made for it.
RE	<p>Christianity, Judaism and Islam Umbrella Question: What do religious people believe about God?</p> <ul style="list-style-type: none"> • Talk about differences between John’s Gospel and the other Gospels. • Understand the role of the incarnation within the Trinity. • Talk about how Christians show their belief in the Trinity at Christmas. • Explain the difference Christmas makes to the life of a Christian. • Talk about why Jewish people celebrate Sukkot. 	<p>Christianity, Judaism and Islam Umbrella Question: How do people make moral decisions? To understand why Jesus chose to wash his disciple’s feet.</p> <ul style="list-style-type: none"> • Express own thoughts about Peter’s denial. • Talk about how the life of Jesus guides a Christian’s life. • Understand the difference remembering Holy Week makes to a Christian’s daily life. • Talk about how Christians express their faith within wider society. • Talk about why the Ten Commandments were given to the Hebrews. 	<p>Christianity, Judaism and Islam Umbrella Question: How do people express commitment to a religion?</p> <ul style="list-style-type: none"> • Express own ideas about temptation. • Talk about what can be learned about human nature from the story of Adam and Eve. • Express own ideas about forgiveness. • Explain about why forgiveness is so important to Christians. • Understand why Jewish people remember the story of Esther. • Talk about the difference that the festival of Purim makes to the Jewish community.



	<ul style="list-style-type: none"> • Understand how the celebration of Hanukkah helps Jewish people express their faith. • Talk about why calligraphy and geometric patterns are so important in Islam. • Understand how the rules for handling the Qur'an show belief in Allah. 	<ul style="list-style-type: none"> • Talk about the meaning of the Ten Commandments. • Understand how the Qur'an guides the life of a Muslim. • Explain the significance of the different features of the Mosque to Muslims. 	<ul style="list-style-type: none"> • Understand the difference the mosque makes to a Muslim's daily life. • Explain the place of the mosque within the Muslim community.
PE	<p>Orienteering:</p> <ul style="list-style-type: none"> • Orientate a map using features of the area and using a control marker. • Plan effectively to visit as many control markers in a given time • Plan effectively, taking safety and danger into account. • Work cooperatively with a small team or partner to navigate a course. • Communicate clearly to solve problems. <p>Basketball:</p> <ul style="list-style-type: none"> • Understand and identify the basic rules of basketball. • Consolidate throwing actions and practice catching. • By able to dribble with the ball performing a variety of movement patterns. • Aim for the background and try and shoot a basket. • Apply tactical skill and thinking to small games. • Perform a variety of defensive techniques to gain possession of the ball. <p>Dance:</p>	<p>Swimming:</p> <ul style="list-style-type: none"> • Perform safe self-rescue in different water-based situations • To swim competently, confidently and proficiently over a distance of at least 25 metres • To use a range of strokes effectively, for example, front crawl, backstroke and breaststroke. <p>Gymnastics:</p> <ul style="list-style-type: none"> • Create routines with up to 8 elements: change of direction, rolling actions, travelling, counter-balances, counter tension balances, jumps and clear body shape. • Choose appropriate skills to suit the performance. • Link movements in a routine together smoothly, with precision and accuracy. • Apply routines to a range of equipment, moving at different heights. <p>Leadership in sport</p> <ul style="list-style-type: none"> • To understand and talk about leadership in sport • To develop leadership skills in sport 	<p>Cricket:</p> <ul style="list-style-type: none"> • Understand the rules of cricket and use them fairly. • Throw the ball accurately with control and consistency when fielding. • Catch the ball consistently when fielding using a variety of techniques. • Apply skills gained to field effectively within a game. • Bowl overarm with accuracy and consistency. • Hold the bat correctly and bat with accuracy. • Begin to use directional batting as a tactic and tactical fielding. <p>Athletics:</p> <ul style="list-style-type: none"> • Perform different techniques for throwing over a distance. • Throw with accuracy to hit a target within javelin and shot put. • Perform a fluent sprinting start technique and link smoothly to a running motion. • Perform the hand over of a baton within a relay competition fluently. • Perform a range of jumping techniques for standing long jump and speed bounce. • Develop the technique to perform a triple jump. • Discuss ways to improve technique and performance.



	<ul style="list-style-type: none"> • Copy and repeat routines in short phrases and perform with confidence. • Create short sequence of movements showing imagination and creativity, linking phrases smoothly. • Explore and perform actions creatively in response to music stimulus. • Demonstrate the ability to move fluently with variation in speed, height and direction. • Create and perform routines for different dance styles. • Analyse others performances and their own, identifying strengths and areas of their performance they would improve. 		
French	<ul style="list-style-type: none"> • Talk about and use numbers in French • Talk about the days of the week in French • Talk about the months of the year in French • Talk about the seasons in French • To repeat and talk about the letters of the alphabet in French • Say the day and the date in French • Say 'My birthday is in in French 	<ul style="list-style-type: none"> • Talk about different kinds of weather in French - e.g. sunny, rainy, windy, stormy, snowy • Talk about different family relationships in French • Talk about personality traits in French - e.g. kind, shy, outgoing • Talk about garments of clothing in French 	<ul style="list-style-type: none"> • Talk about different animals in French - e.g. dog, cat, bird, horse • Talk about animal habitats in French - pond, farm, forest, river

