

Yearly Overview Year 3

2021 – 2022

Term	Autumn		Spring		Summer	
National Curriculum Subject	Rock and Roll	Crunch! Crack! Clang!	Greeks: Groovy or Gruesome?	Tudors: Tame or Terrifying?	Remarkable Rainforest	Zootopia
Reading						
Writing						
Science	<p>Rocks</p> <p>I know the differences between igneous, sedimentary and metamorphic rocks.</p> <p>I know the difference between natural and man-made rocks.</p> <p>I know the similarities and differences between different kinds of rocks using appearance and simple physical properties.</p>	<p>Forces and Magnets</p> <p>I know what friction is.</p> <p>I know that different surfaces cause friction that can affect the speed of an object.</p> <p>I know that magnets attract or repel each other and some materials and not others.</p> <p>I know which materials are attracted to a magnet and which</p>	<p>Covered in other units.</p>	<p>Light</p> <p>I know that we need light in order to see things.</p> <p>I know that dark is the absence of light.</p> <p>I know that light is reflected from surfaces, including mirrors.</p> <p>I know that light from the Sun can be dangerous.</p> <p>I know how to protect my eyes from the Sun.</p> <p>I know how light travels.</p>	<p>Plants</p> <p>I know the names of different parts of a plant and their functions.</p> <p>I know what plants need for life and growth.</p> <p>I know how water is transported within plants.</p> <p>I know what each part of the flower plays in the life cycle of a flowering plant.</p> <p>I know what pollination and fertilisation is.</p>	<p>Animals including Humans</p> <p>I know what types and amounts of nutrition animals and humans need.</p> <p>I know what a skeleton is.</p> <p>I know why animals have skeletons.</p> <p>I know the difference between vertebrate and invertebrate.</p> <p>I know whether an animal is an invertebrate or vertebrate.</p>

	<p>I know what body fossils and trace fossils are.</p> <p>I know how fossils are formed.</p> <p>I know what palaeontology is and what a palaeontologist does.</p> <p>I know how soil is formed and different types of soil.</p> <p>Working Scientifically</p> <p>I know how to observe to see which rocks are most permeable, durable and buoyant.</p>	<p>materials are magnetic.</p> <p>I know that magnetic forces can act at a distance.</p> <p>I know that magnets have two poles.</p> <p>I know how magnets are used in everyday life.</p> <p>Working Scientifically</p> <p>I know how to set up a practical enquiry and a fair test to investigate the speed of a car on different surfaces.</p> <p>I know how to make careful observations and take accurate measurements using standard units with scientific equipment.</p>		<p>I know the difference between opaque, translucent and transparent objects.</p> <p>I know how shadows are formed.</p> <p>Working Scientifically</p> <p>I know how to ask relevant questions.</p> <p>I know how to set up a simple practical enquiry to find out the effect of UV light.</p> <p>I know how to test different materials to find the most opaque.</p> <p>I know that my results can help me to draw a simple conclusion about how shadows change.</p> <p>I know how to identify differences, similarities or changes related to simple scientific ideas and processes.</p>	<p>I know the different methods of seed dispersal.</p> <p>Working Scientifically</p> <p>I know how to create a question for my plant investigation.</p> <p>I know how to set up simple practical enquiries, comparative and fair tests.</p> <p>I know how to make careful observations and take accurate measurements using standard units with scientific equipment.</p> <p>I know how to record my findings using simple scientific language.</p> <p>I know how to report on my findings from the plant investigation as a television programme.</p> <p>I know how to write a conclusion to the flower experiment.</p>	<p>I know the common names of the human bones.</p> <p>I know the difference between bones and muscles.</p>
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I know how to gather, and record data collected for the speeds of the cars.

I know how to report my findings on the best surface for the speed of the car.

I know how to explain my findings orally about magnets.

I know how to present my findings about the strengths of different magnets using a bar chart.

I know how to predict whether two magnets will attract or repel each other.

I know how to evaluate the effectiveness of my magnetic game.

<p>History</p>	<p>Knowledge and understanding of past events, people and changes in the past</p> <p>I know how the Stone age, bronze age and Iron got their names.</p> <p>I know how people lived in the Stone age, bronze age and Iron age.</p> <p>I know how people farmed in the stone age.</p> <p>I know what life was like in a roundhouse.</p> <p>I know the importance of the historical sites Skara Brae and Stonehenge</p> <p>Chronological Understanding</p>	<p>Knowledge and understanding of past events, people and changes in the past</p> <p>I know that a range of materials have been discovered and used throughout time.</p> <p>Chronological Understanding</p> <p>I know where to place the discover and use of new materials on a timeline.</p> <p>Historical interpretation & Historical enquiry</p> <p>I know that the materials we use today differ from materials used in the past.</p>	<p>Knowledge and understanding of past events, people and changes in the past</p> <p>I know how people lived in Ancient Greece.</p> <p>I know some of the achievements of the Ancient Greeks.</p> <p>I know who the Olympians were.</p> <p>I know some of the ways that the Ancient Greeks influenced the 21st Century. (Democracy, alphabet, theatre, maths, philosophy)</p> <p>I know who the Spartans and Athenians were.</p> <p>Chronological Understanding</p>	<p>Knowledge and understanding of past events, people and changes in the past</p> <p>I know who King Henry VIII was.</p> <p>I know who Anne Boleyn was.</p> <p>I know who the other members of the monarchy were during the Tudor period.</p> <p>I know what court life was like during the Tudor period.</p> <p>I know how the Tudors lived.</p> <p>Chronological Understanding</p> <p>I know the sequence of key events of the Tudor period from the Battle of Bosworth to the death of Elizabeth 1.</p>	<p>Covered in other adventures.</p>	<p>Covered in other adventures.</p>
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	<p>I know where to place events from the Stone age, bronze age and Iron age on a timeline.</p> <p>Historical interpretation & Historical enquiry</p> <p>I know the similarities and differences between the lives of people from the Stone age, bronze age and Iron age and the 21st century.</p> <p>I know how the rise of wealth and trade created tension.</p> <p>I know the importance of archaeological research</p> <p>I know how farming has changed over time.</p>		<p>I know where to place events from the time of the Ancient Greeks on a timeline.</p> <p>I know where to place Ancient Greece on a timeline in relation to other major periods of history.</p> <p>Historical interpretation & Historical enquiry</p> <p>I know the name of some greek artefacts and what they were used for.</p> <p>I know the similarities and differences between theatre in Ancient Greece and the 21st century</p> <p>I know which aspects of modern life are similar to those of the Ancient Greeks.</p>	<p>I know where to place the Tudors on a timeline in relation to other major periods of British and world history.</p> <p>Historical interpretation & Historical enquiry</p> <p>I know how the life of the poor differed from the life of the rich.</p> <p>I know key information about Hampton Court Palace and what it can tell us about the past.</p> <p>I know the impact of the monarchy throughout British history.</p> <p>I know the similarities and differences between crime and punishment in the Tudor period and the 21st Century.</p>		
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<p>Geography</p>	<p>Rock and Roll</p> <p>Locational Knowledge</p> <p>I know the name and location of the countries and cities in the UK.</p> <p>Human and Physical Geography</p> <p>I know some of the identifying human and physical characteristics of the capital cities of the UK.</p> <p>I know what a mountain is.</p> <p>I know the names of some famous mountains.</p> <p>Geographical skills and Fieldwork</p> <p>I know how to use google earth to locate the UK</p>	<p>Crunch! Crack! Clang!</p> <p>This will be taught as stand-alone geography lessons.</p> <p>Locational Knowledge</p> <p>I know where Italy is on a map.</p> <p>I know the which countries surround Italy.</p> <p>I know which seas/oceans are located by Italy.</p> <p>Place Knowledge</p> <p>I know what language they speak in Italy</p> <p>I know how the specific types of why people visit both of these countries</p> <p>I know there are different types of buildings, transport</p>	<p>Greeks: Groovy or Gruesome?</p> <p>Locational Knowledge</p> <p>I know where Greece and other European countries on a map.</p> <p>I know the capital cities of the European countries.</p> <p>I know some of Europe's famous landmarks.</p> <p>I know that there is a difference between Europe and the European Union</p> <p>Place Knowledge</p> <p>I know that different countries within Europe speak different languages and varied population</p> <p>Human and Physical Geography</p>	<p>Tudors: Tame or Terrifying?</p> <p>Covered in other adventures</p>	<p>Remarkable Rainforest</p> <p>Locational Knowledge</p> <p>I know the location of the amazon rainforest on a map</p> <p>I know which continent the Amazon rainforest is on.</p> <p>Human and Physical Geography</p> <p>I know what a climate zone is.</p> <p>I know what a settlement is.</p> <p>I know what fair trade is.</p> <p>I know some food items that are fair trade.</p> <p>I know what deforestation is.</p> <p>Geographical skills and Fieldwork</p> <p>I know how to plot physical and human features of the rainforest on a map in relation to a</p>	<p>Zootopia</p> <p>Locational Knowledge</p> <p>I know which continents certain animals would have come from.</p> <p>Human and Physical Geography</p> <p>I know why certain animals live in certain places.</p> <p>I can describe topographical features of different habitats.</p> <p>Geographical skills and Fieldwork</p> <p>I know how to use digital mapping, maps, atlases and globes to locate the countries the animal we are studying have come from</p>
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		<p>in both countries due to population and land use.</p> <p>I know the difference in climate zones in both countries and how they can vary.</p> <p>I know some of the famous landmarks and locations in Italy.</p> <p>I know what language they speak in Italy I know about some of Italy's foods, leisure activities and customs</p> <p>Geographical skills and Fieldwork</p> <p>I know how to use a tourist maps to identify the location of some of the key sites of Rome</p>	<p>I know what a settlement is.</p>		<p>fixed place using the eight points of a compass.</p> <p>I know how to plot places on a map using four-figure grid references</p> <p>I know how to present data about the rainfall in the rainforest using a graph</p>	
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		I know how to create a map of Italy plotting key places that tourists might want to visit.				
Art	Textiles – weaving I know what weaving is. I know what weaving can be used for. I know some materials that can be weaved.	3D – Mod Roc robots I know that I need to use a mesh as a base for Mod Roc. I know that water is used to make Mod Roc malleable. I know that Mod Roc can only be attached when it is wet. I know that Mod Roc hardens when it dries. I know that Mod Roc can be painted when it has dried.	3D – Polyclitus (clay) I know where clay comes from. I know what type of stone Greek statues were made from. I know how Ancient Greeks carved stone.	Collage – Tudor Rose stained glass I know why glue is used to cover tissue paper in a collage. I know opaque colours change when they are overlapped with other colours. I know which materials are used to make stained glass windows. I know some reasons why people create stained glass windows.	Painting/Digital Media – Henri Rousseau I know features of Henri Rousseau’s work. I know that computers can be used to create repeated patterns and shapes. I know that computers can be used to create art. I know how computers help designers and artists.	Drawing – animals https://www.tate.org.uk/art/artworks/swan-head-of-a-tiger-n02774 I know who John Macallan Swan was. I know how John Macallan Swan made marks to show shape, form and movement. I know that colours can be used to add detail to a drawing. I know that different pencils have different effects and can be used in different ways.

DT	Rock and Roll	Moving Robots I know how to make a robot move. I know things can move in different ways.	Greek Food I know some key ingredients in Greek cooking. I know some traditional Greek dishes.	Tudor Houses I know what materials Tudor houses were made from. I know why Tudor houses had overhangs. I know why fire spread quickly between Tudor houses.		
Computing	TBC	TBC	TBC	TBC	TBC	TBC
Trips and experiences	Outback2basic Stone Age Trip	Junior STEM robotics Experience	Blakesley Hall Tudor Trip	Ancient Greece Dantastic Experience	Safari Park	Rainforest
11 before 11 promises						
Please note Maths is an internal school curriculum based on White Rose Maths Resources – see curriculum documentation.						