

Reignhead Primary School - Curriculum Overview – Year 3/4

Cycle 2 - 2020/21

	1	2	3	4	5	6
	<u>Yorkshire</u>	<u>Roman Invasion and Resistance</u>	<u>The Alps</u>	<u>Raiders & Settlers</u>	<u>Extreme Earth</u>	<u>Take One Book – Stone Age to Iron Age</u>
<u>Geography</u>	<p>This half term children will learn all about the region of Yorkshire. They will locate the counties of the UK and use maps with four-figure references, symbols and keys to focus on the four counties of Yorkshire. Next they will focus on the major cities of York, Sheffield, Leeds, Hull and Bradford and compare and contrast them.</p>		<p>This half term they will complete an in-depth study of a European region – The Alps. They will learn all about the physical features and discuss why it is a popular tourist destination throughout all the seasons. They will compare and contrast the Peak District and the Alps. Finally, they will learn about the structure of a mountain and study Mount Blanc.</p>		<p>Children will discover the different types of natural disasters that can happen on Earth, focussing in particular on volcanoes and earthquakes. They will become specialists by studying the 2010 volcanic eruptions in Eyjafjallajokull, Iceland and the 2011 earthquake in Christchurch, New Zealand. They will use the evidence they have collected to understand the effects of natural disasters on people.</p>	
<u>History</u>		<p>Children will learn all about the Roman invasion of Britain, paying particular attention to why the Romans wanted to invade and the power of their army. They will learn about British resistance, focussing on the story of Boudicca. Finally, they will discover why the Romans left Britain in 4th century.</p>		<p>Children will learn about different raiders and settlers in British history. Building on their knowledge of Roman invasion, they will study the Anglo-Saxon and Viking invasions and subsequent settlements. Children will study the Anglo-Saxon king Alfred the Great, and the Kingdom of England in more detail.</p>		<p>This half term the children will build a chronological understanding of the Stone Age, Bronze Age and Iron Age. They will learn about hunter-gatherers and early farming and then study Skara Brae and Stonehenge.</p>

<p style="text-align: center;"><u>Science</u></p>	<p style="text-align: center;"><u>Light</u></p> <p>This half term the children will learn that they need light in order to see things. They will find out that light is reflected from surfaces and that light and the sun can be dangerous. They will learn how shadows are formed and how and why they change.</p>	<p style="text-align: center;"><u>Sound</u></p> <p>Children will learn how sounds are made. They will discover that vibrations travel through a medium to the ear. They will study pitch and volume and notice patterns. They will find out that sounds get fainter as the distance from the sound increases.</p>	<p style="text-align: center;"><u>Living things and their habitats</u></p> <p>This half term the children will learn that living things can be grouped in a variety of ways. They will use classification keys to identify and group animals, then build upon their knowledge of food chains by identifying producers, predators and prey.</p>	<p style="text-align: center;"><u>Plants</u></p> <p>Children will develop their knowledge of plants by learning about the function of different parts of flowering plants. They will prove what plants need in order to live and grow and discover how water is transported in plants.</p>	<p style="text-align: center;"><u>Rocks</u></p> <p>This half term children will learn that there are different types of rocks. They will examine a variety of rocks and compare and group them. They will learn what fossils are and how they are formed. They will also discover that soils are made from organic matter and rock.</p>	<p style="text-align: center;"><u>Animals including humans</u></p> <p>Children will be able to describe the simple functions of the basic parts of the digestive system in humans. They will also identify the different types of teeth in humans and their functions.</p>
<p style="text-align: center;"><u>Art and Design</u></p>	<p><u>Drawing and Painting Unit: Landscape</u></p> <p>This half term children will compare and reflect on the works of different artists including <i>David Hockney</i>, <i>George Oliver</i> and <i>Judith Bromley</i>. They will practice skills of perspective, foreground, background and horizon in landscape picture. Children will create their own landscape.</p> <div style="display: flex; flex-direction: column; align-items: center;">    </div>	<p><u>Publishing Unit: Observational Drawing</u></p> <p>The children will use viewfinders to explore Roman pattern/mosaic.</p>	<p><u>Publishing Unit: Painting.</u></p> <p>Children will learn about the landscape abstract work of <i>Torben Gehler</i>. They will collect and explore ideas to create their own abstract mountains. In addition to this, they will build upon their colour mixing skills using powder paint.</p> <div style="display: flex; flex-direction: column; align-items: center;">   </div>	<p><u>Clay Unit: Exploring Patterns</u></p> <p>This half term children will explore and develop patterns from Anglo Saxon and Viking artefacts practising their observational drawing skills. They will design a dragon eye and explore clay sculpting and carving techniques to create a clay dragon eye.</p> <div style="display: flex; flex-direction: column; align-items: center;">    </div>	<p><u>Publishing Unit: Painting</u></p> <p>Children will develop their painting skills further by creating artwork in response to the paintings of <i>Beth Neville</i> and <i>Andy Warhol</i>.</p> <div style="display: flex; flex-direction: column; align-items: center;">   </div>	<p><u>Collage, Painting and Drawing Unit: Exploring Stone Age Art</u></p> <p>This half term the children will explore the use of charcoal and practise drawing outlines of Stonehenge using photographs. They will develop their colour mixing skills by painting spirals of colour in blues, oranges and purples as a back drop to silhouettes. They will create wall painting art: developing drawing skills of animals and people.</p> <div style="display: flex; flex-direction: column; align-items: center;">   </div>

<u>Design and Technology</u>		<u>Textiles</u> This half term the children will design and create a Roman purse. The focus will be learning how we can use two-dimensional shapes to create a three dimensional product..	<u>Electrical Systems</u> The children will create simple circuits containing a switch. Using this knowledge, they will then design and make a torch, lamp or for someone climbing a mountain.		<u>Mechanical Structures : Pneumatics</u> This half term the children will learn all about pneumatics. They will use balloons and/or syringes to create a 'moving part'. From this they will produce a representation of a volcano with 'moving' lava!	
<u>Computing</u> Throughout the year, children are taught how to behave safely and responsibly online.	<u>Key Skills : Using School Computers</u> Children will recall how to open and save a file to a suitable folder, and use suitable file names when saving work. They will learn that school computers can be connected and they may use a shared area for saving work. Children will use a search engine to find information using keyword searches.	<u>What makes a good poster?</u> This half term children will focus on combining information (graphics, text and images) to communicate ideas effectively. They will learn about copyright of images and where to search for copyright-free images.	<u>How do I draw complex shapes in Logo?</u> Children will develop their debugging skills, identifying and correcting errors in their code. They will discover that computer programs use repetition to make them more efficient and that commands can be placed in a loop.	<u>How do they use databases to find out information?</u> Children will learn the difference between data and information. They will learn how data is stored in a database. They will then explore a record card database package, ask and answer simple questions, and produce their findings in a graphical form.	<u>How do I write efficient programs in Logo and Scratch?</u> Children will learn how to use repetition to make programs more efficient. They will use diagrams, such as a flowchart, to represent an algorithm. They will discover that they can decompose a problem into smaller steps to make it simpler.	<u>How do I use a computer as a musician?</u> Children will use technology to explore and produce musical compositions. They will create and develop musical ideas on a given theme using simple software and review and refine their compositions to improve them.
<u>Music</u>	The children will start the year further developing their musical skills; they will play a range of musical games and take part in activities so that they have a clear understanding of beat, rhythm and pitch. This will support them in their musical education throughout the year.	<u>Christmas</u> Children will learn and perform a range of Christmas songs. They will use their voices expressively and creatively, as they sing in ensembles.	<u>'Peter and the Wolf' – Sergei Prokofiev</u> The children will listen to and appreciate this popular piece of classical music which cleverly introduces them to some of the different instruments of the orchestra. They will become familiar with each character in the story and its associated melody.		<u>Animal Magic (Music Express)</u> The children will continue to listen to pieces of music by <i>Mozart, Beethoven and Elgar</i> and say what they like and dislike using musical words. They will think about the different purposes of music and identify the character of a piece of music.	<u>Salt, Pepper. Vinegar, Mustard (Music Express)</u> The children will join in with singing games, singing songs from memory with accurate pitch. They will sing with expression and perform in groups of different sizes. They will perform rhythmically and adapt and create melodies and songs.
<u>Languages - French</u>	Children will learn how to say hello and good bye, count to 12. They will also compare London to Paris.	Children will learn that there are two words for 'a' -un/une. They will learn how to say different colours and other adjectives. They will study Paris further by learning about some famous Parisian landmarks.	Children will learn how to answer questions using 'oui' or 'non' and a range of classroom instructions. They will also learn how to say 'c'est' – it is .	Children will learn how to say 'il y a ' – there is and how to use 'et' – and 'aussi' – as well. They will also discover facts about some more Parisian landmarks.	Children will learn the names of a variety of animals. There will learn how to say 'ou est?' – where is and whether they like or dislike something – 'J'aime and Je n'aime pas'	Children will learn vocabulary associated with being on holiday and be able to say 'Je suis' – I am. They will practise describing places – focusing on London and Paris.

<p style="text-align: center;"><u>PE</u></p>	<p><u>Indoor PE: Yoga</u> Children will continue to learn how to improve their breathing, flexibility, strength and balance when selecting actions and creating poses.</p> <p><u>Outdoor PE: Fitness:</u> Children will practise improving their fitness by focussing speed, stamina, co-ordination and skipping.</p>	<p><u>Indoor PE: Dance</u> In dance, the children will learn how to improvise using ideas from a stimulus. Children will take turn to lead and follow a partner. The children will learn how to repeat remember and perform short phrases of dance and respond to feedback given by their peers.</p> <p><u>Outdoor PE: Hockey</u> Children will develop a range of skills including passing, dribbling, receiving, intercepting and tackling.</p>	<p><u>Indoor PE: Gymnastics</u> Children will learn how to complete individual and partner balances, jumps using rotation, a bridge, shoulder stand and a variety of rolls.</p> <p><u>Outdoor PE: Basketball</u> This half term children will learn the skills needed to play basketball including throwing and catching, dribbling, intercepting, changing direction and speed and shooting.</p>	<p><u>Indoor PE: Dance</u> Children will build upon the dance skills learned in half term two and perform a variety of dance moves, using canon, unison, formation, dynamics, character, structure and space.</p> <p><u>Outdoor PE: Football</u> Children will practise a range of football skills including dribbling, passing, ball control, tracking/ jockeying and turning.</p>	<p><u>Indoor PE: Tennis</u> Children will start to develop a range of tennis skills including underarm throwing, catching, forehand, backhand and being in a ready position.</p> <p><u>Outdoor PE: Athletics</u> The children will develop their athletic skills including pacing and jumping for distance and height. They will learn techniques for sprinting and how to throw, heave and launch for distance.</p>	<p><u>Indoor PE: Gymnastics</u> Children will build upon the skills learned in half term 3 paying particular attention to improving four types of roll: straight, barrel, forward and straddle.</p> <p><u>Outdoor PE: Cricket</u> Children will begin to earn some cricket skills including underarm and overarm throwing, catching, over and underarm bowling, fielding and tracking a ball and batting.</p>
<p style="text-align: center;"><u>RE</u></p>	<p style="text-align: center;"><u>Christianity</u></p> <p>This half term children will learn about the rituals of baptism and christenings and the holy communion. They will consider how following rituals such as these demonstrates commitment to the church.</p>	<p style="text-align: center;"><u>Christianity</u></p> <p>Children will learn about the importance of light in the Christian faith. They will learn how Christians believe Jesus is the light of the world and why light is so significant over the Christmas festival.</p>	<p style="text-align: center;"><u>Introduction to Sikhism</u></p> <p>Children will be introduced to the Sikh religion. They will investigate and ask questions relating to the Story of Guru Nanak and the holy book - The Guru Granth Sahib.</p>	<p style="text-align: center;"><u>Christianity/Hinduism</u></p> <p>Children will develop their understanding of the Hindu religion further studying the festival of Holi and its celebration of new life and triumph of good over evil. They will compare the festival with Easter celebrations.</p>	<p style="text-align: center;"><u>Sikhism</u></p> <p>Children will continue to learn about the Sikh religions and focus on Amrit - the special ceremony to become a Khalsa Sikh. They will learn about the 5 Ks of Sikhism and what they symbolise.</p>	<p style="text-align: center;"><u>Sikhism</u></p> <p>Children will develop their knowledge of Sikhism further learning about key stories from the religion, the ten gurus and studying where Sikh's worship – The Gurdwara.</p>
<p style="text-align: center;"><u>RSHE/ P4C</u></p>	<p style="text-align: center;"><u>Mental Wellbeing</u></p> <p>Children will learn what mental wellbeing is and how we can achieve it. They will discuss different aspects of our daily lives that affect our mental wellbeing including physical health, sleep, healthy eating, mindfulness, social wellbeing and understanding our emotions.</p>	<p style="text-align: center;"><u>Friends</u></p> <p>Children will continue to build on their understanding of friendship and be able to answer the questions: What makes a good friend? Are all friends the same? Are friends always fun?</p>	<p style="text-align: center;"><u>Online Safety</u></p> <p>Children will continue to learn how to be safe online. This half term the focus will be on healthy friendships online, protecting personal data, being aware of online strangers and making sure they understand the difference between factual and false content.</p>	<p style="text-align: center;"><u>Debate</u></p> <p>This half term the children will use the information they have learnt about King Alfred the Great to inform a debate. The children will learn how to look at both sides of an argument and use this to develop their own points and opinions.</p>	<p style="text-align: center;"><u>Physical Health</u></p> <p>Children will think about what good physical health means and discuss the following questions: How do I keep my body healthy? How do I get a healthy diet? How can I prevent myself from getting ill?</p>	<p style="text-align: center;"><u>Growing up</u></p> <p>This half term the children will develop their understanding of the human life cycle and consider how their bodies and feelings will change as they grow up.</p>