

## Crawley Ridge Junior School Curriculum and Key Knowledge Overview

Year 3 Summer Term: Conquest	Curriculum Themes	Key Knowledge
<b>English</b>	<p>Key Texts:            Range of non-fiction Iron Age and Roman texts            Escape from Pompeii            Stig of the Dump            Stone Girl Bone Girl – The Story of Mary Anning</p> <p>Writing Styles:            Non-fiction information pages on the Iron Age            Persuasive letter            Diary            Historical narrative            Biography            Newspaper</p>	
<b>Mathematics</b>	<p>Fractions            Measurement: Time            Geometry: Properties of shape            Measurement: Mass and Capacity            Revision of multiplication, division, addition and subtraction</p>	
<b>Science</b>	<p>Rocks and Soils            Forces</p>	<p><b>Rocks and Soils</b></p> <ul style="list-style-type: none"> <li>• To know a sedimentary rock is made from compressed sediment and you can see the grains and layers in the rock.</li> <li>• To know that an igneous rock is made from cooled volcanic rock</li> <li>• To know a metamorphic rock is either sedimentary or igneous rock that has had high pressure or heat applied to it and you can see the layers are compressed</li> <li>• To know that Mary Anning was a British palaeontologist</li> <li>• To know that a fossil is the rock remains of an animal which died thousands of years ago</li> </ul> <p><b>Forces</b></p> <ul style="list-style-type: none"> <li>• To know that friction is created when 2 surfaces move in different directions</li> <li>• To know that a smooth surface creates less friction than a rough surface</li> </ul>

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		<ul style="list-style-type: none"> <li>• To know that different sides of a magnet attract each other (North to South)</li> <li>• To know that a magnet can act over a distance</li> <li>• To know that magnet will attract metals which have iron or nickel in them</li> </ul>
<b>Art and Design</b>	<p>Prehistoric art</p> <p>Printing</p>	<p><b>Prehistoric art</b></p> <ul style="list-style-type: none"> <li>• To know that the process of making art in prehistory was to tell stories and record history</li> <li>• To know that prehistoric people painted with a palette of earth colours such as red, yellow and black and why they were limited to those colours</li> <li>• To know that prehistoric artists used simple bold lines and shapes</li> <li>• To know a negative hand image is when an artist draws around the hand and a positive image is when the hand is dipped in paint and applied.</li> </ul> <p><b>Printing</b></p> <ul style="list-style-type: none"> <li>• To know a simple design can be repeated to create a pattern</li> <li>• To know common themes/features in Celtic designs - spirals, knots and loops</li> <li>• To know a block print can be produced to form a repeated pattern</li> </ul>
<b>Design and Technology</b>	Structures	<p><b>Structures:</b></p> <ul style="list-style-type: none"> <li>• To know that a structure needs, walls, insulation and a roof.</li> <li>• To know which materials today, would be effective to make a Celtic roundhouse.</li> <li>• To know that certain materials such as hazel twigs are effective for weaving due to their flexible properties.</li> <li>• To know why clay in the past was used as a building material.</li> </ul>
<b>Computing</b>	<p>Stop frame animation</p> <p>Events and actions programs</p>	<p><b>Stop frame Animation</b></p> <ul style="list-style-type: none"> <li>• To know that animation is a sequence of images</li> <li>• To know that each picture within an animation is called a frame</li> <li>• To know that animation use storyboards</li> <li>• To know that an animation is broken down into characters, settings and events</li> <li>• To know that smaller movements create smoother animations.</li> </ul> <p><b>Events and actions in programs (Scratch)</b></p> <ul style="list-style-type: none"> <li>• To know that a sprite within Scratch can be moved using 'events'</li> <li>• To know that an event causes an action</li> <li>• To know that a sprite can be programmed to move in different directions</li> <li>• To know that the 'pen down' function enables the sprite to draw lines on the screen</li> </ul>

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<b>Geography</b>	Conquest Settlements	<p><b>Conquest</b></p> <ul style="list-style-type: none"> <li>To know that land use changed when people settled in an area</li> <li>To know that clay in the soil can be used as a building material</li> <li>To know that in the Iron Age, hills were used for defence.</li> <li>To know that when the Romans conquered Britain they built many straight roads. Some can be still be seen today.</li> <li>To know that the Roman Empire originated in 'Italy' and spread through 'France' and 'Germany' to Britain</li> </ul> <p><b>Settlements</b></p> <ul style="list-style-type: none"> <li>To know that settlements are human features</li> <li>To know that a settlement is a place where people live in buildings</li> <li>To know that a settlement needs access to water, building supplies, land for food (for crops or animals) and protection from extreme weather and dangers</li> </ul>
<b>History</b>	Conquest- Celts and Romans	<p><b>Conquest</b></p> <ul style="list-style-type: none"> <li>To know the order of civilisations in Britain– Stone age, Bronze age, Iron age and Romans (Chronology)</li> <li>To know that iron tools were the key development during the Iron Age (Culture)</li> <li>To know that the Celt people lived in roundhouses made from wattle and daub in small communities. (Culture and Settlement)</li> <li>To know that the Romans invaded in 55BC/BCE and 42AD/CE. (Chronology)</li> <li>To know one Roman army formation – the tortoise, circle, cavalry defence (Culture)</li> <li>To know that Romans created towns, connected by roads (Settlement)</li> <li>To know that Celts and Romans believed in pagan gods and converted to Christianity. (Beliefs)</li> </ul>
<b>Languages</b>	Our School Time	<p><b>Our school:</b></p> <ul style="list-style-type: none"> <li>To know vocabulary for school places: library, classroom, playground</li> <li>To know vocabulary for school objects: desk, chair, window, door, book</li> </ul> <p><b>Time:</b></p> <ul style="list-style-type: none"> <li>To say and order the days of the week</li> <li>To say and order the months of the year</li> </ul>

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		<ul style="list-style-type: none"> <li>To count on from 11-31</li> <li>To know how to say their own birthday</li> </ul>
<b>Music</b>	Recorder	<b>Recorder</b> <ul style="list-style-type: none"> <li>To know that a recorder is part of the woodwind family of instruments.</li> <li>To hold a recorder correctly with two hands.</li> <li>To know the finger positions for E, D and high C (B, A, G from Year 2)</li> <li>To know that a minim is worth 2 counts and a crotchet is worth 1 beat.</li> <li>To know that <i>tempo</i> means the speed of a piece of music</li> <li>To understand the terms <i>adagio</i> (slow) and <i>allegro</i> (fast)</li> </ul>
<b>Physical Education</b>	Net and ball games Athletics Striking and fielding	<b>Net and ball games (striking a ball)</b> <ul style="list-style-type: none"> <li>To hold a tennis racket with the thumb facing upwards</li> <li>To know to stand sideways on before serving underarm</li> <li>To know that facing and looking at a partner will help the accuracy of passes</li> </ul> <b>Athletics (personal best)</b> <ul style="list-style-type: none"> <li>To know that throwing a vortex one handed needs power from the shoulder</li> <li>To know that a personal best is your best result in a particular event</li> <li>To know techniques to improve sprinting (head forward, arm movement, back at an angle)</li> </ul> <b>Striking and fielding (cricket workshops)</b> <ul style="list-style-type: none"> <li>To know that the cricket bat protects the wicket</li> <li>To know that the bowler aims for the wicket</li> </ul>
<b>Religious Education</b>	Christianity- Why do Christians share communion?  Christianity- How does the Bible reveal God's rescue plan?  Sikhism- What do Sikhs value?	<b>Why do Christians share communion?</b> <ul style="list-style-type: none"> <li>To know that Christian communion is linked to the story of Last Supper</li> <li>To know that communion is act of remembrance</li> <li>To know that for Christians the bread and wine are a symbol to remember Jesus' sacrifice and His promise to them</li> </ul> <b>How does the Bible reveal God's rescue plan?</b> <ul style="list-style-type: none"> <li>To know that the Bible can be read in many different languages and formats</li> <li>To know that the Old Testament contains events for which there is some historical evidence</li> <li>To retell the story of Noah's Ark</li> <li>To know that Christians believe that some of these stories show that God will rescue/save them</li> </ul>

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		<p><b>What do Sikhs value?</b></p> <ul style="list-style-type: none"> <li>• To know that Guru Nanak Ji founded Sikhism but is not worshipped as a god</li> <li>• To know that the main duties of a Sikh are <i>pray, work</i> and <i>give</i>.</li> <li>• To know that Sikhs believe that God is one and in all things</li> <li>• To know that equality is very important to Sikhs</li> <li>• To know that Sikhs worship in a Gurdwara</li> </ul>
<b>PSHE</b>	Being My Best Growing and Changing	<p><b>Being My Best</b></p> <ul style="list-style-type: none"> <li>• To know that we are all unique and have valuable contributions to make.</li> <li>• To know that it is important to keep physically and mentally healthy.</li> <li>• To know what is needed in a balanced diet- carbohydrates, protein, fruit and vegetables</li> <li>• To know that washing hands can stop germs spreading</li> </ul> <p><b>Growing And Changing</b></p> <ul style="list-style-type: none"> <li>• To know that your body belongs to you</li> <li>• To know that some parts of our body are private and should not be seen or touched without permission</li> <li>• To know the difference between appropriate and inappropriate touch</li> <li>• To know the importance of keeping our body clean</li> <li>• To know the terms 'penis', 'vulva', 'vagina', 'anus'.</li> <li>• To know that you should talk to a trusted adult if something or someone makes you feel uncomfortable.</li> </ul>
<p><b>Enrichment</b>          Trip to Butser Ancient Farm</p>		