

Crawley Ridge Junior School Curriculum, Knowledge and Vocabulary Overview

Year 5 Autumn Term: Egypt Past and Present	Curriculum Themes	Key Knowledge	Key Vocabulary
English <i>(Breakdown of knowledge and skills outlined in a separate document)</i>	Write a character and setting description followed by a fantasy story -Dream Giver River Poem (Shape and Haiku) Parody of a Fairy Tale Diary Extract - Diary of a Killer Cat Newspaper Report - Diary of a Killer Cat Narrative – The Little Hippo Instructions – How To Mummify a Fish Journey to the River Sea Secrets of a Sun King		
Mathematics <i>(Breakdown of knowledge and skills found through White Rose website)</i>	Place Value Addition and Subtraction Statistics Multiplication and Division Perimeter and Area		
Science	Forces Changing Materials	Forces: <ul style="list-style-type: none"> To know that air resistant and water resistance are push forces To know that gravity is a force that pulls objects down To know the effects of friction, including air and water resistance, on moving objects To know the difference between weight and mass Changing Materials: <ul style="list-style-type: none"> To name materials as manmade and natural 	Forces Gravity Pushes Pulls Earth's gravitational pull Weight Mass Resistance

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		<ul style="list-style-type: none"> To list 3 properties of a material: magnetic, permeable, flexible, durable To name thermal and electrical conductors (copper and steel) and insulators (wood, glass and plastic) To name materials that are soluble (sugar and salt) or insoluble (pasta and glitter) in water: To name a reversible (freezing and melting) and irreversible (burning and baking) changes: 	Materials Solids Liquids Gases Melting Freezing Evaporating Condensing Irreversible Reversible Soluble Dissolve
Art and Design	Mark making Watercolour Water pattern clay	Mark making: <ul style="list-style-type: none"> To know how different pencil marks create different textures and tone To know how to use line to represent movement Watercolour: <ul style="list-style-type: none"> To know how to use the three primary colours to create a range of secondary colours To know how to look after watercolour paints and brushes Clay: <ul style="list-style-type: none"> To know the bisque firing normally reaches temperature between 900 degrees and 1100 degrees Celsius To know that glazes fire at a higher temperature To know how to join two pieces of clay together using cross hatching and slip 	Texture Tone Primary colours Secondary colours Glaze Kiln Bisque firing Cross hatching Slip
Design and Technology	Structures – creating a wooden bridge Mechanisms – Pop up books	Structures: <ul style="list-style-type: none"> To know the terms: compression and tension To know how to identify stronger and weaker structures To know ways to reinforce structures To know how triangles can be used to reinforce bridges To know the difference between beam, arch, truss and suspension bridges Mechanisms/ Mechanical systems:	Compression Tension Reinforce Beam Arch Truss Suspension Structure

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		<ul style="list-style-type: none"> To know that an input is the motion used to start a mechanism To know that output is the motion that happens as a result of starting the input To know that mechanisms control movement 	Mechanism Input Output
Computing	Don't fall for fake Google (Online Safety) Sharing Information	Don't Fall for Fake: <ul style="list-style-type: none"> To name 2 signs of a scam To know what to do if you feel uncomfortable online To name two of the four questions to ask when deciding if a source is credible To know the purpose of a search engine Sharing information: <ul style="list-style-type: none"> To know that computer systems are built of a number of parts To name three tasks that are managed by computer systems To know that all computers have an IP address To know working together on the internet can be public or private 	Credibility Scam Source Search engine Safety IP address Network
Geography	Rivers	Rivers: <ul style="list-style-type: none"> To know that a river begins at a source and ends at the mouth To know the three stages of a river: upper, middle and lower course To name some rivers of the UK: The River Thames, The River Severn and The River Trent To know that a river flows into a sea or a lake To name the features along a river's course: meander, ox bow lake, tributary, stream and bank To know the uses of a river including for trade and commerce 	Mouth Source Course of a river Meander Ox bow lake Tributary Stream Bank Trade Commerce
History	Ancient Egyptians	Ancient Egyptians: <ul style="list-style-type: none"> To know where Egypt is on a world map To name and order the 3 key periods in ancient Egypt - the Old Kingdom (about 2,700-2,200 B.C.E.), the Middle Kingdom (2,050-1,800 B.C.E.), and the New Kingdom (about 1,550-1,100 B.C.E.). To know why the Egyptians mummified bodies To know 3 significant Egyptian gods: Ra, Anubis and Osiris 	Mummification Hieroglyphics BC Civilisation Tomb Cartouche

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		<ul style="list-style-type: none"> To know the importance of the River Nile to Ancient Egyptians To know what the Rosetta Stone is and why it is important to historians To know what hieroglyphics were 	
Languages	All about Ourselves Getting to know you	Getting to know you: <ul style="list-style-type: none"> To know vocabulary to express their emotions: tired, happy, excited, annoyed All about ourselves: <ul style="list-style-type: none"> To name some parts of the body (building on prior Year 3 learning): eyes, ears, teeth 	Ears- oreilles Eyes- les yeux Teeth- les dents Tired- fatigue Happy- heureuse Excited- excite Annoyed- agace
Music	River Music Music for Pleasure	River Music: <ul style="list-style-type: none"> To know the meaning of the terms tempo and duration To know the meaning of the terms mood and dynamics To know that different symbols represent different notes Music for Pleasure: <ul style="list-style-type: none"> To name four genres of music: rock, pop, Motown and rap/hip hop To name one artist from each genre 	Tempo Duration Mood Dynamics Notation Pop Rock Motown Rap Hip hop
Physical Education	Throwing, jumping and running Multi-skills Swimming	Throwing, jumping and running: <ul style="list-style-type: none"> To name the two athletic categories: track and field To name an event from each category To know the difference between track and field events Multi-Skills: <ul style="list-style-type: none"> To name a sport which uses each skill: passing and catching; dribbling; jumping and sprinting Swimming: <ul style="list-style-type: none"> To know how to perform a safe self-rescue in water. To know different types of strokes: front crawl, back stroke and breast stroke. 	Track Field Sprint Relay Discus Hurdles Javelin Passing Catching Dribbling Front crawl Back stroke Breast stroke

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Religious Education	<p>How can a mosque help us to understand the Muslim faith? What does it mean to be a Muslim? Christmas Y5: Why is light an important sign at Christmas?</p>	<p>Islam:</p> <ul style="list-style-type: none"> To know that a mosque is a place of worship and learning led by an Imam To know that Muslims believe there is no God but God (Allah) and he is without equal. To know that the Qur'an was revealed to the prophet Muhammad <p>Christianity:</p> <ul style="list-style-type: none"> To know that Christians believe Jesus was the light of the world To name three ways light is used as a symbol at Christmas: candles, decorations such as lights, stars and angels To name the four Gospels: Matthew, Mark, Luke and John 	<p>Mosque Imam Allah Qur'an Gospel</p>
PSHE	<p>Me and My Relationships Valuing Difference</p>	<p>Me and my relationships:</p> <ul style="list-style-type: none"> To know about friendship qualities, including compromise, and explain why they are important To know ways to show how to stand up for myself (be assertive) To know when they might need to use assertiveness skills <p>Valuing Differences:</p> <ul style="list-style-type: none"> To define some key qualities of friendship. To define discrimination To name the benefits of living in a diverse society To name the difference between sex, gender identity, gender expression and sexual orientation 	<p>Assertive Friendship Compromise Discrimination Diversity</p>
<div style="display: flex; justify-content: space-between; align-items: center;"> ❖ Forest School Enrichment </div>			