

Crawley Ridge Junior School Curriculum, Knowledge and Vocabulary Overview

Year 3 Autumn Term: Living Things	Curriculum Themes	Key Knowledge	Key Vocabulary
English <i>(Breakdown of knowledge and skills outlined in a separate document)</i>	Key Texts: Spangled Pandemonium Fantastic Beasts and Where to find them (illustrated edition) Harry Potter and the Philosopher's Stone Journey Writing Styles: Descriptive writing Non- chronological report Plant fact file Plant haiku Performance poetry		
Mathematics <i>(Breakdown of knowledge and skills found through White Rose website)</i>	Place value Addition and subtraction Multiplication and division		
Science	Plants Animals, including Humans	Plants: <ul style="list-style-type: none"> • To know that flower, stems, roots and leaves are part of a plant. • To know the function of flower, stems, roots and leaves on a plant. • To know that plants need light, water, air, space and nutrients to grow. • To know that water is transported through the stem • To know the life cycle of a plant. 	Roots Stem Leaves Flowers Nutrients Evaporation Petal Stigma Stamen

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		<ul style="list-style-type: none"> To know that you only change one thing in a fair test <p>Animals, including Humans:</p> <ul style="list-style-type: none"> To know that vertebrates have a spine and invertebrates do not. To name the following 6 bones in the human skeleton; spine, skull, femur, ribcage, pelvis, clavicle. To know that to make a bone move, muscles contract and relax in pairs. To know that in order to keep healthy, humans need a balanced diet. 	<p>Carpel Sepal</p> <p>Healthy Nutrients Energy Saturated fats Unsaturated fats Vertebrate Invertebrate Muscles Tendons Joints</p>
Art and Design	<p>Sketching Watercolour</p>	<p>Sketching:</p> <ul style="list-style-type: none"> To know that a 2B pencil can make different, lines, marks and gradients. To know that observational drawings need us to look closely at the object we are sketching. <p>Watercolours:</p> <ul style="list-style-type: none"> To know that blue and yellow make green To know that water is used to dilute the paint to create different shades. To know that when mixing colours, you start with the lighter colour and then add small amounts of the darker colours To know that Margaret Mee is a British botanical artist, who used pencil and watercolour to create her pieces of art. 	<p>Line Gradients Pencil type 2B pencil Dilute Shade</p>
Design and Technology	<p>Mechanisms- Spangled pandemonium</p>	<p>Mechanisms/ Mechanical systems:</p> <ul style="list-style-type: none"> To know that <i>pneu</i> in <i>pneumatic</i> means air To know that pneumatic systems force air over a distance to create movement To know that a mechanism needs an input and output 	<p>Pneumatic Mechanism Design Evaluate</p>

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		<ul style="list-style-type: none"> To know that pneumatic systems can be used as part of a mechanism 	
Computing	Typing skills Online safety- Share with care Connecting computers Publisher	Touch type: <ul style="list-style-type: none"> To know that touch typing is a method of fast typing To know that the F and J keys are where you rest your pointer fingers for touch typing Share with care: <ul style="list-style-type: none"> To know what personal information is To know what a digital footprint is To know 3 ways to stay safe online - not to share their full name, their address or a photo of themselves in their school uniform Connecting computers: <ul style="list-style-type: none"> To know that a digital device has an input, a process and an output. To know that digital network is made up of digital devices Digital literacy – Publisher: <ul style="list-style-type: none"> Know how to change font style, size and colours for a given purpose To know how to edit text To choose the best location for my content 	Digital footprint Safe Personal information Device Network Font Text Edit
Geography	Climates and Continents- linked to living things topic	Climates and Continents: <ul style="list-style-type: none"> To name the seven continents and five oceans To know the equator is an imaginary line around the middle of the world To know that countries closer to the equator have warmer climates. To know the names of the five climate zones To name one country for each climate zone. 	Continent Ocean Country Equator Climate
History	Christmas traditions	Christmas Traditions: <ul style="list-style-type: none"> To know that many Christmas traditions were started in Victorian times. To name Christmas trees, crackers and carols as three traditions that originated in Victorian times. 	Victorian Tradition

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Languages	Getting to know you All about me	Getting to know you: <ul style="list-style-type: none"> To know how to say hello and goodbye To know how to introduce themselves; To know how to say if they are feeling good/bad/so-so; To count to 10; To know how to say how old they are All about me: <ul style="list-style-type: none"> To name parts of the body: head, arms, legs To identify colours: red, green, yellow, blue, black To name items of clothing: t-shirt, trousers, jumper, coat 	Bonjour Au revoir Je m' appelle Tres bien Numero J'ai La tete Bras Jambe
Music	Glockenspiel Singing- Christmas Carols	Glockenspiels: <ul style="list-style-type: none"> To know what pulse is and be able to demonstrate it with a piece of known music To know where low C, D, E and F on a glockenspiel Christmas Carols (Singing): <ul style="list-style-type: none"> To know that I need to listen when I sing in a group To understand the term <i>dynamics</i> To understand the terms <i>piano</i> (quiet) and <i>forte</i> (loud) To sing Away in a Manger from memory To know how to stand properly to sing 	Glockenspiel Notes Pulse Dynamics Piano Forte Performance
Physical Education	Skills Cross-country Invasion games- fundamental skills Street dance	Fundamentals for invasion games: <ul style="list-style-type: none"> To know how to catch a ball To know strategies to catch a ball successfully To know you use two hands on a cricket bat two hands To know a fielder retrieves and returns a ball in order to prevent opposing teams scoring. Basic Skills: <ul style="list-style-type: none"> To know that bending your knees and swinging your arms are important in sprinting and long jump To know that the movement of a ball can be controlled by using touches from your hands and feet Cross Country:	Catch Fielder Opposition Jump Sprint Control Pace Posture Expression Perform

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		<ul style="list-style-type: none"> To know that suitable pace is needed for long distance running To lean forward when running uphill and lean back and slow down when running downhill <p>Street Dance:</p> <ul style="list-style-type: none"> To understand that body posture and facial expression are important for street dance To know that the beat is very important in street dance To know how to perform three street dance moves To name one Street Dance crew - Diversity 	
Religious Education	<p>Christianity- How did Jesus change lives? Christianity- Why are gifts given at Christmas- and what would Jesus think of it all? Christianity- Why do Christians call God, 'Father'?</p>	<p>How did Jesus change lives?:</p> <ul style="list-style-type: none"> To know that a miracle is an unexplained event and has been seen as different things throughout time To know that Christians believe the Bible tells stories about Jesus performing miracles To know that Christians believe that Jesus showed he was God's Son by performing miracles. To retell the Bible story of the Feeding of the 5000 <p>Why are gifts given at Christmas – and what would Jesus think of it all?:</p> <ul style="list-style-type: none"> To know that Christians believe that the gifts from the Magi each show something about Jesus. To know that gold was given as Jesus was a king; Frankincense as Jesus was a priest; Myrrh as Jesus was going to be buried/ He would die. To know that Christians believe that Jesus was a gift from God. To know that Christians believe that the true meaning of Christmas is often missed because of over commercialism. <p>Why do Christians call God 'Father'?</p> <ul style="list-style-type: none"> To know that Christians believe God has three representations – God the Father, Jesus the Son and the Holy Spirit To know that Christians believe that God has many titles which show what He is like and to name three out of Rock, Light, Judge, Father, Shepherd or Saviour. 	<p>Bible Christian Miracle God Magi Myrrh Frankincense Gift Belief Father Son Holy Spirit Saviour Parable</p>

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		<ul style="list-style-type: none"> To know that Christians believe they can understand who God is through the parables Jesus told his followers To know two different ways Christians believe they can experience God – through nature and through prayer. 	
PSHE	Me and My Relationships Valuing Difference	<p>Me and my Relationships:</p> <ul style="list-style-type: none"> To know that our behaviours can affect other people To know 2 strategies to resolve a conflict with a friend or family member To know that in order to show respect, you treat people kindly and use good manners <p>Valuing difference:</p> <ul style="list-style-type: none"> To know that there are different types of families To know that disability, race, religion or belief and marriage/civil partnership are protected characteristics To know that rules and laws are there to keep us safe 	Behaviour Strategy Conflict Respect Manners Kindness Family Disability Belief Marriage Civil Partnership Protected characteristics Race Religion Rules Law
Enrichment Spirit of the Wild			