

Crawley Ridge Junior School Curriculum, Knowledge and Vocabulary Overview

Year 5 Spring Term: Space and Beyond	Curriculum Themes	Key Knowledge	Key Vocabulary
English <i>(Breakdown of knowledge and skills outlined in a separate document)</i>	Key text studies: Eye Witness: Tudor Anne Boleyn's original letter to Henry VIII Creepy Stories – Selection of modelled texts and Room 13 by Robert Swindells Hidden Figures – Apollo missions Writing styles: Newspaper Report Biography Non-Chronological report Creepy Stories		
Mathematics <i>(Breakdown of knowledge and skills found through White Rose website)</i>	Multiplication and Division Fractions Decimals and Percentages		
Science	Earth and Space	Space and Beyond: <ul style="list-style-type: none"> • To know about the movement of the Earth, and other planets, relative to the Sun in the solar system • To know about the movement of the Moon relative to the Earth • To know that the Sun, Earth and Moon are approximately spherical bodies • To know that day and night occur due the Earth's rotation 	Sun Star Moon Planet Sphere Satellite Orbit Rotate Axis
Art and Design	Pastels linked to Space topic	Space and Beyond: <ul style="list-style-type: none"> • To name three features of the art of Peter Thorpe 	Pastel Silhouette

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		<ul style="list-style-type: none"> To know how to use chalk pastels to create movement To know what a silhouette is 	Movement
Design and Technology	Textiles- Posy bags	Textiles: <ul style="list-style-type: none"> To know how to sew a blanket stitch to join fabric To know how to apply a blanket stitch so the space between the stitches are even and regular To know how to thread needles independently To know that a 3D textiles product can be made from a combination of fabric shapes 	Blanket stitch Fabric Thread Needles Textiles
Computing	Online safety- It's cool to be kind Coding- Kodu	It's cool to be Kind: <ul style="list-style-type: none"> To know what empathy is To know what kindness looks like online To know information to communicate face-to-face rather than online Coding Kodu - New worlds: <ul style="list-style-type: none"> To know how to create a new world in Kodu To know how to create a character and control its movements in Kodu To know how to create a scoring code in Kodu 	Empathy Kindness Communication Character Control Code
Geography	Space and Beyond topic links	Space and Beyond: <ul style="list-style-type: none"> To know where Russia is on an atlas or globe To name and locate: ESA – the European Space Agency, which consists of all the countries in Europe working together on missions to explore space. To name and locate: NASA – the North American Space Agency, which is the organisation from the USA that explores and investigates space 	Atlas Locate Russia America
History	Space and Beyond topic links	Space and Beyond: <ul style="list-style-type: none"> To name the first man on the moon; the first man and first woman in space and the first British person in space To name these events in chronological order: 1969 – 1st man on the moon, 2011 Curiosity the Mars Rover launched, 2015 Tim Peake travels to the ISS 	Chronological Space travel Curiosity Rover International Space Station

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Languages	That's Tasty Family and Friends	That's tasty: <ul style="list-style-type: none"> • To know specific vocabulary for how to say: <ul style="list-style-type: none"> ➢ what drinks they like ➢ what they like to eat for breakfast ➢ fillings for sandwiches ➢ toppings for pizzas Family and friends: <ul style="list-style-type: none"> • To know how to introduce family members (building on prior Year 3 learning) • To say what sort of home they live in: cottage, semi-detached, flat, house, castle • To name items inside the home: bed, chair, bath, oven 	Chaise Lit Bain Chalet Chateau Appartement Le maison Dejeuner
Music	Composer Comparison- linked to space theme Singing	Composer Comparison: <ul style="list-style-type: none"> • To name a piece of music composed by Gustav Holst: Mars • To name traditional orchestral and electronic instruments used in the piece Mars, The Planets. • To know that <i>timbre</i> means the sound quality of a note • To know that different instruments have different timbres Singing- Danny Boy <ul style="list-style-type: none"> • To name a song with a three-part round in choral singing • To know to breathe at the end of a phrase • To know it is important to enunciate words clearly in choral singing. • To know that <i>enunciation</i> means speaking clearly and when singing that they need to emphasise their mouth positions • To know that binary structure refers to a piece of music with two sections arranged to create structure (A-B-A) 	Composer Orchestra Ostinato
Physical Education	Dance Health and Fitness Gymnastics Invasion Games	Dance: <ul style="list-style-type: none"> • To know 3 different boxercise moves • To know 3 different street dance transition moves (how to move from one move to the another smoothly) Health and Fitness:	boxercise street dance transition optimum invasion dribble

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		<ul style="list-style-type: none"> To know three reasons for warming up and cooling down: To lessen your risk of injury, to get your body to the optimum temperature for exercise and to improve your performance. <p>Invasion Games:</p> <ul style="list-style-type: none"> To name 3 invasion games: Football, Netball, Hockey To know when to pass and when to dribble <p>Gymnastics/Yoga:</p> <ul style="list-style-type: none"> To name three gymnastic movements (pike, pike roll, round-off, squat, stag jump, split leap) 	<p>pike pike roll round-off squat stag jump split leap</p>
<p>Religious Education</p>	<p>Islam- How do the Pillars of Islam help Muslims live a good life? Christianity- How do Christians know what happened at Easter? Comparative- How do people express their beliefs through the arts?</p>	<p>Christianity:</p> <ul style="list-style-type: none"> To relate the key events of the Easter narrative to Christian beliefs about Jesus To know how two parables impact on how Christians live. To explain the meaning of Christian symbols found in Churches. To name two Christian denominations <p>Islam:</p> <ul style="list-style-type: none"> To name the 5 pillars of Islam: Profession of Faith (shahada), Prayer (salat), Alms (zakat), Fasting (sawm), Pilgrimage (hajj). To name Eid as an Islamic celebration To know that images of Allah and the prophets are not permitted To know the Qur'an is written in Arabic <p>Comparative:</p> <ul style="list-style-type: none"> To name music, art, poetry, dance and drama as ways of expressing beliefs To name a piece of art which expresses a belief 	<p>Easter Parable Church Denomination 5 Pillars of Islam Belief- Profession of Faith Prayer Giving- Alms Fasting Pilgrimage Eid Prophets Qur'an Arabic</p>
<p>PSHE</p>	<p>Keeping Myself Safe Rights and Responsibilities</p>	<p>Keeping Myself Safe:</p> <ul style="list-style-type: none"> To know why and how a habit can be hard to change. To know how to weigh up risk factors when making a decision. To know that all medicines are drugs but not all drugs are medicines <p>Rights and Responsibilities:</p>	<p>Risk Medicine Drug Legal Illegal Responsibility</p>



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		<ul style="list-style-type: none">• To define the differences between responsibilities, rights and duties• To know what a voluntary group does• To define the terms loan, credit, debt and interest	Rights Volunteer Loan Debt Credit Interest
Enrichment Planetarium visit Trip to Hampton Court trip			