







Westfield School Junior House
Lower Two Curriculum Information for
Spring Term 2019

INVISIBLE FORCES

<p>Mathematics</p> 	<ul style="list-style-type: none"> • Continue to develop a variety of strategies for mental and written mathematics to increase speed, accuracy and problem solving. • Look at fractions, ratios and proportions focusing on simplifying and finding equivalent fractions, finding fractions of numbers. Looking at decimals and finding their equivalence to fractions. • In geometry, the properties of shape, sorting shapes; looking for parallel and perpendicular lines; acute, right and obtuse angles and finding lines of symmetry. • In measurement, the conversion of pm times to 24-hour clock will be studied and the perimeters of shapes will be investigated.
<p>English</p> 	<p>Fiction</p> <p>The girls will explore a variety of myths and enjoy the mythical creatures introduced in <i>Can You Catch A Mermaid?</i>, <i>The Seal Children</i> and <i>Beowulf</i>. They will learn these tales and use them as stimuli for creating their own myths and legends. They will use the texts as models to help develop their understanding of detailed description in writing and correct grammar.</p> <p>Non-fiction</p> <p>When studying non-fiction, the girls will find out about an area of rainforest in Australia in <i>Where the Forest Meets the Sea</i>. The girls will explore how rainforest destruction can affect indigenous peoples in <i>The Vanishing Rainforest</i> and write a persuasive article about these issues.</p> <p>Poetry</p> <p>Girls will study a range of list poems including some based on similes. They will look in detail at the word types used: nouns, adjectives, verbs, prepositions and adverbs. The girls will also investigate kenning poems.</p> <p>Grammar</p> <ul style="list-style-type: none"> • Use of the present perfect verb form instead of the simple past • Use and punctuate direct speech [inverted commas; a comma after reporting clause; end punctuation within inverted commas, etc.] • Choose nouns or pronouns appropriately • Use powerful verbs and adjectives • Use conjunctions, adverbs and prepositions to express time and cause • Indicate possession by using the possessive apostrophe with plural nouns • Use adverbs and prepositions to express time and cause • Extend the range of sentences with more than one clause by using a wider range of conjunctions








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<p>Science</p> 	<p>Forces and Magnets</p> <ul style="list-style-type: none"> • The girls will identify pushes and pulls as forces, explore how things move on different surfaces. • They will find out about attraction and repulsion by magnetic forces, which materials are magnetic. • The girls will look at compasses and uses of magnets and carry out some enquiries using magnets. <p>Electricity</p> <ul style="list-style-type: none"> • The children will construct simple circuits and draw them. • They will learn which materials are the best electrical conductors and use this information to make switches. • The girls will discover what happens to a bulb's brightness when circuits are changed.
<p>Geography</p> 	<p>All around the World</p> <ul style="list-style-type: none"> • The girls will take a closer look at where the countries of the world are located, and some of the ways geographers describe locations. • They will learn to locate and describe places using longitude and latitude, and find out about some of the important lines that delineate specific areas of the Earth - the Equator, the Hemispheres, the Poles and the Tropics. • The girls will also look more closely at the lines of longitude and will develop their understanding of time zones. <p>Weather</p> <ul style="list-style-type: none"> • The girls will develop ideas about weather conditions around the world, including Britain. • They will study our local weather, including recording temperature, rainfall, wind and forecasting the weather.
<p>History</p> 	<p>Anglo Saxons</p> <ul style="list-style-type: none"> • Continue to look at the Anglo Saxons, in particular the local study of Bede and the importance of the Monasteries • Research pagan beliefs as well as the rise of Christianity during Anglo-Saxon times • Learn about the cultural significance of storytelling, poetry, music, jewellery and feasting to the Anglo-Saxons • Learn about important Anglo-Saxon Kings, especially King Ethelbert, King Offa and King Alfred and gain an understanding of the system of law and order and the class system
<p>Computing</p> 	<p>Programming – LOGO</p> <p>Standard Commands</p> <ul style="list-style-type: none"> • Move the turtle forward by <n> steps. • Move the turtle backward by <n> steps. • Rotate the Turtle <n> degrees to the right. • Rotate the Turtle <n> degrees to the left. • Change the colour of the drawing line in a loop from a list of selected colours. <p>E-Safety - Communication & Collaboration, Awareness</p> <p>The girls will continue to practise touch-typing and use Microsoft packages to word process and produce graph work produced in lessons.</p>

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R.E. 	<p>The topics being explored this term will be:</p> <ul style="list-style-type: none"> • Hindus and the Mandir • The Easter Story
Art 	<ul style="list-style-type: none"> • This term the girls will study the work of Vincent Van Gogh. Through their learning, they will discover what Post-Impressionism is and what techniques Van Gogh used in his paintings. The girls will then explore his works in more detail and create some art of their own. • Completion of self-portrait (in the style of Frida Kahlo).
Technology 	<p>The girls will find out the purpose of a greenhouse and how it works, before moving on to exploring how structures like these can be made stable, and what materials would be the most appropriate to use. They will then apply this knowledge and understanding when designing, making and evaluating their very own mini greenhouse!</p>
French 	<p>Fabulous Family and practical pets</p> <ul style="list-style-type: none"> • Explore this topic, describing a photo of your family members, saying what pets you have. • Learn new vocabulary and songs for the theatre performance of 'Ti-Jean et la chèvre'. • Learn about Easter in France.
PE 	<p>This term the girls will be working on improving their skills, techniques and game play in badminton, trampolining, swimming, athletics, tag rugby and netball.</p>
Music 	<ul style="list-style-type: none"> • Girls will learn about Chinese Music and compose their own pentatonic pieces using chime bars. • They will recognise different metres (2, 3, 4 beats in a bar) and play ostinati on untuned and tuned percussion instruments. • They will increase their vocal repertoire by singing songs in a variety of styles.
Important Information 	<p>KS2 residential trip: Tuesday 23rd April –Thursday 25th April 2019</p>