











**Westfield School Junior House**  
**Curriculum Information for Lower Three**  
**Spring Term 2019**



**Topic: Lapis philosophorum**

<p><b>Mathematics</b></p> 	<ul style="list-style-type: none"> <li>• Read, write and round numbers with up to 7-digits, understanding what each digit represents</li> <li>• Addition and Subtraction using mental methods and written column method</li> <li>• Multiply and divide by 10, 100 and 1000</li> <li>• Fractions – all operations</li> <li>• Use short and long multiplication to multiply numbers and amounts including decimals</li> <li>• Name, classify and identify properties of quadrilaterals</li> <li>• Understand what an angle is and that it is measured in degrees; know what the angles of triangles, quadrilaterals, pentagons, hexagons and octagons add to and use these facts and mathematical reasoning to calculate missing angles</li> <li>• Draw circles using pairs of compasses; draw polygons using a ruler and a protractor</li> <li>• Read, understand and solve word problems</li> <li>• Use mathematical reasoning to investigate and solve problems</li> <li>• Identify common factors and common multiples</li> <li>• Calculate and understand the mean average</li> <li>• Understand pie charts are a way of representing data using percentages</li> <li>• Read and plot coordinates in all four quadrants</li> </ul>
<p><b>English</b></p> 	<p><b>Reading and Drama</b></p> <ul style="list-style-type: none"> <li>• Book Focus – Harry Potter and the Philosopher’s stone by J K Rowling</li> <li>• Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader</li> <li>• Drawing inferences such as inferring characters’ feelings, thoughts and motives from their actions, and justifying inferences with evidence</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>• Use a range of prefixes and suffixes and understand their meanings</li> <li>• Using an appropriate form depending on the audience and purpose</li> <li>• Applying appropriate grammar and vocabulary in writing across all subjects</li> <li>• Linking ideas across paragraphs using a wider range of cohesive devices: repetition of a word or phrase, grammatical connections [for example, the use of adverbials such as <i>on the other hand</i>, <i>in contrast</i>, or <i>as a consequence</i>] and ellipsis</li> </ul> <p><b>Punctuation and Grammar</b></p> <ul style="list-style-type: none"> <li>• Use simple, compound and complex sentences including embedded clauses</li> <li>• Use a wide range of punctuation, including brackets, dashes or commas to indicate parenthesis and semi-colons, colons or dashes to mark boundaries between independent clauses</li> <li>• Using passive verbs to affect the presentation of information in a sentence for example, <i>Amanda broke the window in the greenhouse (active)</i> versus <i>The window in the greenhouse was broken by Amanda (passive)</i></li> <li>• The use of subjunctive forms such as <i>If I <u>were</u></i></li> <li>• Using modal verbs or adverbs to indicate degrees of possibility</li> <li>• Using relative clauses beginning with who, which, where, when, whose, that</li> </ul>

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<p><b>Science</b></p> 	<p><b>Living Things and their Habitat, particularly classification</b></p> <ul style="list-style-type: none"> <li>• We will learn about Linnaeus and his classification system</li> <li>• Identify similarities and differences between animal, micro-organism and plant classification</li> <li>• Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences</li> </ul> <p><b>We will also be looking at evolution</b></p> <ul style="list-style-type: none"> <li>• We will study inheritance, mutation and adaptation</li> <li>• We will research the life and work of Mary Anning and Charles Darwin.</li> </ul>
<p><b>Geography</b></p> 	<p><b>Mountains and Volcanoes</b></p> <ul style="list-style-type: none"> <li>• We will study the physical geography of mountains and mountain ranges, their formation, some famous expeditions and mountain biodiversity</li> <li>• We will learn about the features of volcanoes and their formation and discover how they are distributed around the world</li> </ul>
<p><b>History</b></p> 	<p><b>Early Modern History</b></p> <p>The girls will study the events and monarchs of Early Modern Britain. This will include learning about Queen Elizabeth 1 and life in Elizabethan Britain.</p>
<p><b>Computing</b></p> 	<p><b>Film making</b></p> <p>We will be exploring aspects of film-making. As well as writing a script and researching information, we will use digital devices for filming and recording and will learn about pre- and post-production stages. We will use Windows Movie Maker to edit our short films.</p>
<p><b>Religious Education</b></p> 	<p><b>Christianity</b></p> <p>The girls will study Christian beliefs, the bible, churches and Christian festivals.</p>
<p><b>Art</b></p> 	<p><b>Cartoons, Characters and Comics</b></p> <ul style="list-style-type: none"> <li>• Developing 2D and 3D drawing skills through cartoons, animations and font</li> <li>• History of cartoons and comic strips</li> </ul>
<p><b>Design Technology</b></p> 	<p><b>Making a Flip Book</b></p> <ul style="list-style-type: none"> <li>• Research, create and market a product aimed at a chosen individual or group.</li> <li>• Follow a design specification and evaluate products against it.</li> </ul>
<p><b>French</b></p> 	<p><b>Groovy Grammar</b></p> <ul style="list-style-type: none"> <li>• Learn how to conjugate regular ER verbs in the present tense</li> <li>• Learn new vocabulary and songs for the theatre performance of 'Ti-Jean et la chèvre'</li> <li>• Learn how to describe what someone is wearing, revision of colours and the practice of adjectival agreements</li> <li>• Learn about Easter in France</li> </ul>

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<p><b>Physical Education</b></p> 	<ul style="list-style-type: none"><li>• Football</li><li>• Trampolining</li><li>• Swimming</li><li>• Athletics</li><li>• Tag Rugby</li><li>• Netball</li></ul>
<p><b>Music</b></p> 	<p><b>‘Ukulele Magic’</b></p> <ul style="list-style-type: none"><li>• Learn how to play the ukulele, to accompany singing</li><li>• Learn the C major and A minor chords</li><li>• Continue to widen song repertoire during KS2 singing sessions</li></ul>