

Year 6 Learning Overview – Autumn Term 2

<p>English</p>	<p>11+ preparation and practice papers Text/Stimulus: The Hidden Forest Outcomes: Blurbs, letter writing/ non-chronological report, debate and persuasive writing, discursive writing, Skills: describing using senses; describe using noun phrases; to articulate and justify answers and opinions; to draw inference from character feelings, thoughts and actions to ascertain motives; to use adverbials (including fronted adverbials) to create writing cohesion; asking relevant questions and retrieving/ recording information; use modals (verbs and adverbs) to indicate degrees of possibility; use organisational and presentational devices in non-chronological writing with purpose and audience in mind; use brackets to indicate parenthesis; use rhetoric to persuade/ engage a reader; to evaluate and assess the effectiveness of their own and others' writing; to be able to improve writing based on feedback. Exam Preparation: Timings; grammar knowledge; VR skills; writing in a range of genres; comprehension skills and exam technique; short writing skills and exam technique.</p>
<p>Maths</p>	<p>Fractions</p> <ul style="list-style-type: none"> • Simplify fractions using common factors • Compare and order fractions, justifying choices • Add and subtract fractions placing finding the lowest common denominator where required • Multiply fractions by whole numbers • Divide proper fractions by whole numbers • Multiply fractions by fractions • Fractions of an amount <p>Decimals</p> <ul style="list-style-type: none"> • Value of a digit to three decimal places • Multiply and divide by 10, 100 and 1,000 • Multiply decimals by integers • Divide decimals by integers • Convert between fractions and decimals <p>Percentages</p> <ul style="list-style-type: none"> • Converting fractions to percentages • Finding equivalent fractions, decimals and percentages • Calculating percentage of an amount • Percentage increase and decreases • Ordering fractions, decimals and percentages <p>Algebra</p> <ul style="list-style-type: none"> • Find a rule – two step • Apply an algebraic rule • Substitution and formulae • Solve one and two step equations <p>11+ preparation and practice papers</p>
<p>Science</p>	<p>Light Know that light travels from a source and that it travels in straight lines Know that some objects are luminous and others are non-luminous</p>

	<p>Understand how shadows are formed</p> <p>Understand how light reflects from objects</p> <p>Know that we see objects because light enters our eyes</p> <p>Know the structure of the eye and how we need to look after them</p>
Drama	<p>Core physical movement skills</p> <p>Drama skills – Character, stage craft, emotions</p> <p>Play - auditions</p>
French	<p>School subject and timetable</p> <p>Daily routine and activities</p> <p>Definite and indefinite article le/la or un/une</p>
Spanish	<p>What's in the news? Spanish media/news</p> <p>Weather</p> <p>Nationalities</p> <p>Christmas</p>
Food Tech	<p>Understanding what is the difference between Food Intolerance and Food Allergies</p> <p>Menu Planning for different dietary groups as well as religious requirement</p> <p>Making different types of cakes using different methods</p> <p>Making Christmas cakes for Rutherford School</p> <p>Skill: Analysing food/drinks tasting with good sensory verbs. Weighing, mixing, creaming, rubbing-in, folding, piping, decorating, rolling, washing and drying.</p>
Humanities	<p>To know about Dunkirk</p> <p>To know the significance of the D Day Landings</p> <p>To know about key battles during WW2</p> <p>Visit the Cabinet War Rooms</p> <p>Interview a person who lived during WW2</p> <p>The Holocaust</p> <p>VE Day</p>
Computing	<p>Programming</p> <p>To learn basic commands of a text-based programming language, Python.</p> <p>Use commands to display text on screen, accept typed user input, store and retrieve data using variables from a list.</p> <p>Thoroughly debug the program.</p>
Art	<p>Students will learn how to thoroughly research and plan a painting, creating interesting and useful pages in their sketchbooks. This vital preparation will help them to paint a dynamic, underwater-themed composition using acrylic paints.</p>
Music	<p>Using voices expressively through singing rounds, part singing, acapella, unison.</p> <p>Playing tuned/un-tuned instruments to Tchaikovsky's swan lake.</p> <p>Composing a piece with contrasting key signatures.</p> <p>Preparing for the Christmas service.</p>
PE	<p>Games – Netball</p> <p>Continue to develop knowledge of netball rules, infringements and appropriate actions e.g. penalty pass</p> <p>Ball Handling: Develop accuracy and variety of passing</p> <p>Possession: Space, Cutting in front, Passing into space, holding the space, order of play</p> <p>Game Play – Full game play in preparation for House Netball</p>

	<p>P.E – Fitness: Exploring training techniques – Cardiovascular Fitness Continue to develop an understanding of how to keep the body fit and healthy Exposure to different training methods e.g. continue training</p> <p>Swimming Continue to develop good technique across all 4 strokes, using teaching practices or coaching drills when appropriate. Refine diving Continue to condition for sprint and distance swims. Using aerobic and anaerobic systems</p>
RE	<p>Buddhism To learn about the Wesak festival, The Buddhist shrine and Karma</p> <p>Christianity To learn about Christmas celebrations, the carol service, parties and traditional Christmas lunch</p>