

Year 8 Curriculum Guide

	Autumn		Spring		Summer	
	HT1	HT2	HT3	HT4	HT5	HT6
MATHS	Wk1. Ratio - Simplify	Wk1. Coordinates and Graphs - Lines	Wk1. Area	Wk1. Percentages- Percentage Change	Wk1. Angles - Alternate and Corresponding Angles	Wk1. Circles - Pi
	Wk2 Ratio - Compare	Wk2. Coordinates and Graphs – $y=mx$	Wk2. Volume and Density	Wk2 Algebra Indices - 4 Operations	Wk2. Angles – Simple and Complex Problems	Wk2 Circles – Perimeter and Area
	Wk3 Proportion - Graphs.	Wk3. Coordinates and Graphs – $y=mx+c$	Wk3. Equations	Wk3. Algebra Indices - Negatives	Wk3. Angles – Interior and Exterior Angles	Wk3. Graphs and Charts - Types of Graphs
	Wk4. Proportion- Diagrams	Wk4. Multiply Fractions	Wk4. Inequalities	Wk4. Number standard form	Wk4. Tables and Probability - Probability Scale	Wk4. Graphs and Charts – Comparing Distribution
	Wk5. Algebraic Manipulation – Identify and Formulate	Wk5. Divide Fractions	Wk5. Percentages - Convert into Decimals	Wk5. Interpret and represent data – Averages and Range	Wk5. Tables and probability - Probability Experiments	Wk5. Algebra Sequences
	Wk6. Algebraic Manipulation – Expand and Substitution	Wk6. Symmetry and Reflection	Wk6. Percentages - Increase and Decrease	Wk6. Interpret and represent data – Frequency	Wk6. Tables and probability - Frequency Trees	Wk6. Revision and consolidation
ENGLISH	King of Shadows	Macbeth	Poetry – Ballad	The boy in the striped Pyjamas	Skills for writing Unit 3	Skills for writing Unit 4

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	<p>Wk1. Intro and context</p> <p>Wk2. Characters</p> <p>Wk3. Tension and truth</p> <p>Wk4. Intention and techniques</p> <p>Wk5. Response and conclusion</p> <p>Wk6. Exam style questions</p>	<p>Wk1. Life of King James</p> <p>Wk2. Language analysis</p> <p>Wk3. Plot and key events</p> <p>Wk4. Critical Thinking</p> <p>Wk5. Assessment preparation</p> <p>Wk6. Exam style questions</p>	<p>Wk1. Elements of a Ballad</p> <p>Wk2. Language analysis</p> <p>Wk3. Language techniques and themes</p> <p>Wk4. Ballads and context</p> <p>Wk5. Figurative language</p> <p>Wk6. Dramatic Techniques</p>	<p>Wk1. Background and context</p> <p>Wk2. Writers techniques and themes</p> <p>Wk3. Characters thoughts and feelings</p> <p>Wk4. Discussion and Debate</p> <p>Wk5. Assessment preparation</p> <p>Wk6. Assessment preparation</p>	<p>Wk1. Narrative view point</p> <p>Wk2. Building character descriptions</p> <p>Wk3. Building sentences</p> <p>Wk4. Planning a story</p> <p>Wk5. Assessment preparation</p> <p>Wk6. Assessment Preparation</p>	<p>Wk1. Instructive techniques</p> <p>Wk2. Building sentences</p> <p>Wk3. Story telling</p> <p>Wk4. Writing to explain and inform</p> <p>Wk5. Assessment Preparation</p> <p>Wk6. Assessment Preparation</p>
SCIENCE	<p>Wk1. Food and Nutrition – uses and balanced diet</p> <p>Wk2 –Digestion and absorption, and biodiversity</p> <p>Wk3 Plant pollination, dispersal and germination</p>	<p>Wk1. Combustion – fuels, oxidation and fire safety</p> <p>Wk2 Air pollution, reducing pollution and global warming</p> <p>Wk3 The periodic table – Daltons Model and Mendeleev's table</p>	<p>Wk1. Metals – properties and reactions of metals</p> <p>Wk2 Metal reactions with acids and making alloys</p> <p>Wk3 The rock cycle – types of rocks</p> <p>Wk4. Rocks – uses and properties</p>	<p>Wk1. Fluids – the particle model and changing states</p> <p>Wk2 pressure in fluids, floating and sinking and drag</p> <p>Wk3 light – reflection and refraction</p> <p>Wk4. Light – camera lens, eyes and colour</p>	<p>Wk1. Energy transfer – temperature change, transfer of energy and control of energy</p> <p>Wk2 Energy – power and efficiency and paying for power</p> <p>Wk3 Earth and Space - seasons and magnetic field</p>	<p>Wk1. Revision</p> <p>Wk2 Revision</p> <p>Wk3 Revision</p> <p>Wk4. Assessments</p> <p>Wk5. Assessment Feedback</p> <p>Wk6. Assessment Feedback</p>

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Islamic Studies	<p>Wk4. Breathing and Respiration – gas exchange, Aerobic and Anaerobic respiration</p> <p>Wk5. Unicellular and multicellular organisms – fungi and bacteria</p> <p>Wk6. Unicellular organisms – protocists and decomposers</p>	<p>Wk4. Physical and chemical trends in periodic table</p> <p>Wk5. Revision</p> <p>Wk6. Assessments</p>	<p>Wk5. Rocks and theories in geology</p> <p>Wk6. Rocks – materials extracted from earth and dangers</p>	<p>Wk5. Revision</p> <p>Wk6. Assessments</p>	<p>Wk4. Earth and Space – gravity and beyond our solar system</p> <p>Wk5. Revision</p> <p>Wk6. Revision</p>	
	<p>Wk1. Virtues of knowledge</p> <p>Wk2. Salah and Zakariyya (as)</p> <p>Wk3. The value of time and social manners</p> <p>Wk4. Qadr and sajdah Tilawat</p> <p>Wk5. Yahya (as) and Evil Eye</p>	<p>Wk1. Zakah and inheritance</p> <p>Wk2. Serving Others and Rumours</p> <p>Wk3. Itikaaf and Laylatul Qadr</p> <p>Wk4. Revision</p> <p>Wk5. Revision</p> <p>Wk6. Assessments</p>	<p>Wk1. Iman</p> <p>Wk2. Purification – Wudu and Ghysl</p> <p>Wk3. Purification- Filth</p> <p>Wk4. Salah- Etiquettes</p> <p>Wk5. Salah - Actions</p> <p>Wk6. Salah - Different Types</p>	<p>Wk1. Fasting</p> <p>Wk2. Zakah</p> <p>Wk3. Hajj</p> <p>Wk4. Umrah</p> <p>Wk5. Revision</p> <p>Wk6. Assessments</p>	<p>Wk1. The Manners for Eating</p> <p>Wk2. Transaction</p> <p>Wk3. Lawful and unlawful</p> <p>Wk4. Amity and Brotherhood</p> <p>Wk5. Social Relations</p> <p>Wk6. Seclusion and Company</p>	<p>Wk1. Travelling</p> <p>Wk2. Spiritual audition</p> <p>Wk3. Enjoining Good and Forbidding Evil</p> <p>Wk4. Virtues of Prophethood</p> <p>Wk5. Revision</p> <p>Wk6. Assessments</p>

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	Wk6. Elders and Umar					
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***Islamic studies cover a different book each term, Term 1 An-Nasihah book 7, Term 2- Ascent to Felicity, Term 3 – Part 2 of Revival of the Religious Sciences by Imam Ghazali**