

Year 10 Curriculum Guide

MATHS	Autumn		Spring		Summer	
	HT1	HT2	HT3	HT4	HT5	HT6
	Area of study:	Area of study:	Area of study:	Area of study:	Area of study:	Area of study:
	Algebra	Fractions, decimals and percentages Ratio and proportion	Number Graphs Probability	Area and Volume Graphs	Angles Graphs Vectors	Factors, powers and Surds Pythagoras and Trigonometry
	Wk1. Intro to GCSE and baseline test	Wk1. Percentage of an amount	Wk1. Non- calculator	Wk1. Perimeter and Area of 2D shapes	Wk1. Angles in a polygon	Wk1. Factors, powers
	Wk2. Algebraic Manipulation	Percentage increase and decrease	Wk2. Straight line graphs	Wk2. Volume and Surface Area	Interior and Exterior Angles	Wk2. Surds
	Wk3. Solving equations Solving inequalities	Wk2. Original value Simple interest Compound interest	Wk3. Parallel and perpendicular lines Real life graphs	Wk3. Interpret and represent data	Wk2. Angles problems	Wk3. Pythagoras and trigonometry
	Wk4. Changing the subject of the formula	Wk3. Ratio and proportion	Wk4. Probability Relative frequency	Wk4. Averages	Wk3. Graphs and diagrams	Wk4. Sine and Cosine rule
	Wk5. Expanding brackets Factorising quadratics	Wk4. Scale and similar shapes	Wk5. Two way tables Tree diagrams	Wk5. Non-linear graphs	Wk4. Cumulative frequency and Box Plots	Wk5. Simultaneous Equations
	Wk6. Solving quadratics and completing the square.	Wk5. Add, subtract, multiply and divide with fractions	Wk6. Rounding and estimation	Wk6. Area under a graph and equation of a circle / Assessment	Wk5. Vectors	Wk6. Complex Simultaneous Equations
		Wk6. Add, subtract, multiply and divide with algebraic fractions/ Assessment			Wk6. Complex Vectors	

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ENGLISH	Area of study: Post 1914 Text - The Woman in Black	Area of study: Post 1914 Text - The Woman in Black	Area of study: 19th Century Text - Dr Jekyll and Mr Hyde	Area of study: Tier 5 – Language	Area of study: Grammar in Writing/ Let’s Think in English - Language	Area of study: Shakespeare - Macbeth
	Wk1. Intro	Wk1. Intro	Wk1. Intro	Wk1. Intro to Language GCSE/ baseline	Wk1. News articles/ Macbeth	Wk1. Intro/ context
	Wk2. Character analysis	Wk2. Character analysis	Wk2. Character/ theme progression	Wk2. Comprehension	Wk2. Atmosphere/ Macbeth	Wk2. Language analysis
	Wk3. Tension	Wk3. Tension	Wk3. Language and effect	Wk3. Tense/ person	Wk3. Non-fiction	Wk3. Lady Macbeth’s speech
	Wk4. Inference & deduction	Wk4. Inference & deduction	Wk4. Exam practice	Wk4. Practise essay	Wk4. Revision	Wk4. Symbolism/ essay
	Wk5. Structure	Wk5. Structure	Wk5. Critical writing	Wk5. Inference	Wk5. Practice skills	Wk5. Language analysis
	Wk6. Movie/ practice	Wk6. Movie/ practice	Wk6. Exam practice	Wk6. Creative writing	Wk6. Practice skills	Wk6 Language analysis/ practice
SCIENCE	Area of study: Key concepts in Biology, cells and control, Genetics	Area of study: Natural selection and genetic modification, Health, disease and Medicine	Area of study: Atomic structure, the Periodic Table and bonding	Area of study: Acids and Alkalis and Calculation involving masses	Area of study: Motion, Energy, Waves	Area of study: Electromagnetic Spectrum and Radioactivity
	Wk1. Microscopes and cells	Wk1. Evolution	Wk1. States of Matter	Wk1. Acid, Alkali and indicators	Wk1.graphs and acceleration	Wk1. Electromagnetic waves
	Wk2. Specialised cells	Wk2. Classification and Agriculture	Wk2. Water and Atomic structure	Wk2. Neutralisation and Solubility	Wk2. Newton’s laws	

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	<p>Wk3enzymes and transport</p> <p>Wk4. Mitosis</p> <p>Wk5. The nervous system</p> <p>Wk6. Meiosis and Inheritance</p>	<p>Wk3. Heath and diseases</p> <p>Wk4. The Immune system</p> <p>Wk5. Revision</p> <p>Wk6. Assessment</p>	<p>Wk3. The periodic table</p> <p>Wk4. Ionic and covalent bonding</p> <p>Wk5. Allotropes and metals</p> <p>Wk6. Catch up work</p>	<p>Wk3. Masses and formulae</p> <p>Wk4. Conservation of mass and moles</p> <p>Wk5. Catch up work and Revision</p> <p>Wk6. Assessment</p>	<p>Wk3. Momentum and crash hazards</p> <p>Wk4. Types of energy</p> <p>Wk5. Renewable and non-renewable energies</p> <p>Wk6. Waves and refraction</p>	<p>Wk2. The Electromagnetic spectrum</p> <p>Wk3. Atomic radiation and background radiation</p> <p>Wk4. Half-life and dangers</p> <p>Wk5. Recap and revision</p> <p>Wk6. Assessment</p>
CITIZENSHIP	<p>Area of study:</p> <p>Living together in the UK</p> <p>Wk1. Community</p> <p>Wk2. UK population</p> <p>Wk3. Migration and identity</p> <p>Wk4.respect and barriers</p> <p>Wk5. Human rights</p>	<p>Area of study:</p> <p>Living together in the UK</p> <p>Wk1. Fair play at work, Customer Protection</p> <p>Wk2. Human rights: checks and balances</p> <p>Wk3. The Council</p> <p>Wk4. Recap and revision</p>	<p>Area of study:</p> <p>Democracy at work in the UK</p> <p>Wk1. Elections</p> <p>Wk2. The voting System</p> <p>Wk3. Government and Laws</p> <p>Wk4. Power</p> <p>Wk5. Balancing Budget</p>	<p>Area of study:</p> <p>Democracy at work in the UK</p> <p>How the law works</p> <p>Wk1. Scotland, Wales and Northern Ireland</p> <p>Wk2. Apart or together?</p> <p>Wk3. Law and its purpose</p> <p>Wk4. The law into practice</p>	<p>Area of study:</p> <p>How the law works</p> <p>Wk1. Types of sentences</p> <p>Wk2. Young people and the justice system</p> <p>Wk3. Analysing crime</p> <p>Wk4. How to we reduce crime?</p> <p>Wk5. Citizen's roles</p>	<p>Area of study:</p> <p>Power and Influence</p> <p>Wk1. Our part in democracy</p> <p>Wk2. Political roles</p> <p>Wk3. Pressure and making a difference</p> <p>Wk4. Digital democracy</p>

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	Wk6. Political and legal rights	Wk5. Recap and revision Wk6. Assessment	Wk6. The UK	Wk5. Criminal and civil courts – revision week Wk6. Assessment	Wk6. Citizen's responsibilities and rights	Wk5. Supporting society revision Wk6. Assessment
Islamic Studies	<p>Area of study:</p> <p>Theme A</p> <p>Wk1. Prophets life - Before birth</p> <p>Wk2. Prophets life – After birth</p> <p>Wk3. Revelation of the Quran</p> <p>Wk4. Revelation of the Quran</p> <p>Wk5. The Prophet hood of Muhammed</p> <p>Wk6. The Prophet hood of Muhammed</p>	<p>Area of study:</p> <p>Theme A</p> <p>Wk1. Opposition and Hijrah</p> <p>Wk2. Opposition and Hijrah</p> <p>Wk3. The Sunnah of the Prophet</p> <p>Wk4. The Sunnah of the Prophet</p> <p>Wk5. Teachings and example of the Prophet on specific issues of justice and equality</p> <p>Wk6. Teachings and example of the Prophet on specific</p>	<p>Area of study:</p> <p>Theme A</p> <p>Wk1. The prophet as a leader</p> <p>Wk2. The prophet as a leader</p> <p>Wk3. Battles fought by the Prophet</p> <p>Wk4. Battles fought by the Prophet</p> <p>Wk5. The Prophet's final acts and his achievements</p> <p>Wk6. The Prophet's final acts and his achievements</p>	<p>Area of study:</p> <p>Theme B</p> <p>Wk1. Nature of belief in Allah</p> <p>Wk2. Nature of belief in Allah</p> <p>Wk3. Risalah</p> <p>Wk4. Risalah</p> <p>Wk5. The Holy books of Allah</p> <p>Wk6. The Holy books of Allah</p>	<p>Area of study:</p> <p>Theme B</p> <p>Wk1. Al Qadar</p> <p>Wk2. Al Qadar</p> <p>Wk3. Akhirah</p> <p>Wk4. Akhirah</p> <p>Wk5. Malaikah</p> <p>Wk6. Malaikah</p>	<p>Area of study:</p> <p>Theme B</p> <p>Wk1. Shariah</p> <p>Wk2. Shariah</p> <p>Wk3. Islamic etiquette, attitude and manner</p> <p>Wk4. Islamic etiquette, attitude and manner</p> <p>Wk5. The early leaders of Muslim community</p> <p>Wk6. The early leaders of Muslim community</p>

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		issues of justice and equality				
Religious studies	<p>Wk1. Islam – Beliefs</p> <p>Wk2. Islam – Beliefs and Prophethood</p> <p>Wk3. Islam – Beliefs and Holy Books</p> <p>Wk4. Islam – Angels and Qadr</p> <p>WK5. Islam – Afterlife</p> <p>Wk6. Islam Beliefs Recap</p>	<p>Wk1. Islam – Practices Prayer</p> <p>Wk2. Islam - Practices differences in shia and Sunni Prayer</p> <p>Wk3. Islam - Birth</p> <p>Wk4. Islam- Marriage and divorce</p> <p>Wk.5 Festivals and observances in Shia and Sunni Islam</p> <p>Wk6 Revision and Assessment</p>	<p>Wk1. Islam – Jihad</p> <p>Wk2. Islam – sources of wisdom and Authority – The Quran</p> <p>Wk3. Islam – sources of wisdom and Authority – The Quran and sunnah</p> <p>Wk4. Islam – sources of wisdom and Authority – The Life of the Prophet</p> <p>Wk5. Islam – sources of wisdom and Authority – The Quran and Hadith</p> <p>Wk6. Islam – sources of wisdom and Authority – Shia Reference</p>	<p>Wk1. Islam – sources of wisdom and Authority – Other Hadith</p> <p>Wk2. Islam – sources of wisdom and Authority – Other Hadith</p> <p>Wk3. Islam – sources of wisdom and Authority</p> <p>Wk4. Islam – sources of wisdom and Authority – Other Hadith</p> <p>Wk5. Recap and revision</p> <p>Wk.6 Assessment</p>	<p>Wk1. Islam – Expressions and ways of life – Family and community</p> <p>Wk2. Islam – Expressions and ways of life – the Mosque</p> <p>Wk3. Islam – Expressions and ways of life – Shia obligations</p> <p>Wk4. Islam – Expressions and ways of life – spirituality</p> <p>Wk5. Judaism – Beliefs Monotheism</p> <p>Wk6. Judaism – Beliefs Prophethood and Scriptures</p>	<p>Wk1. Judaism – Beliefs sanctity of life</p> <p>Wk2. Judaism – Beliefs Mitzvot and other references</p> <p>Wk3. Judaism – Practices – Prayer and place of worship</p> <p>Wk4. Judaism – Practices – the rituals of life</p> <p>Wk5. Judaism – Practices – festivals and religious observances</p> <p>Wk6. Judaism – Practices – festivals and religious observances</p>