



Straits International School. Year 10 Long Term Plan

Year 10

Subject	Autumn		Spring		Summer	
	1 st half term	2 nd half term	1 st half term	2 nd half term	1 st half term	2 nd half term
English	<p>English Language <u>Assignment 1 – Argue / Persuade ‘Don’t get me started’</u></p> <p>Skills: Writing W1 articulate experience and express what is thought, felt and imagined W2 organise facts, ideas and opinions W3 use a range of appropriate vocabulary W4 use register appropriate to audience and context W5 make accurate use of spelling, punctuation and grammar</p> <p>Assessment:</p>	<p>English Language <u>Assignment 2 – Narrative short story – Post apocalyptic writing</u></p> <p>Skills: Writing W1 articulate experience and express what is thought, felt and imagined W2 organise facts, ideas and opinions W3 use a range of appropriate vocabulary W4 use register appropriate to audience and context W5 make accurate use of spelling,</p>	<p>English Language <u>Assignment 3 – Responding to a text</u></p> <p>Skills: Writing and reading W1 articulate experience and express what is thought, felt and imagined W2 organise facts, ideas and opinions W3 use a range of appropriate vocabulary W4 use register appropriate to audience and context W5 make accurate use of spelling,</p>	<p>English Literature <u>Assignment 1 (Poetry based – not same poems as exams)</u> <u>Explore the ways in which two poets</u></p> <p>Skills: Reading AO1: show detailed knowledge of the content of literary texts in the three main forms (drama, poetry and prose) AO2: understand the meanings of literary texts and their contexts, and explore texts beyond surface meaning to show deeper awareness</p>	<p>English Literature <u>Assignment 1 – Short Stories</u></p> <p>Skills: Reading AO1: show detailed knowledge of the content of literary texts in the three main forms (drama, poetry and prose) AO2: understand the meanings of literary texts and their contexts, and explore texts beyond surface meaning to show deeper awareness of ideas and attitudes AO3: recognise and appreciate ways in which writers use language, structure and form to create</p>	<p>English Literature <u>Assignment 1 – Short Stories</u></p> <p>Skills: Reading AO1: show detailed knowledge of the content of literary texts in the three main forms (drama, poetry and prose) AO2: understand the meanings of literary texts and their contexts, and explore texts beyond surface meaning to show deeper awareness of ideas and attitudes AO3: recognise and appreciate ways in which writers use language, structure</p>



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	<p>Pupils will write a coursework persuading teens to ban something relevant to them and their lifestyles</p>	<p>punctuation and grammar.</p> <p>Assessment: Pupils will write a descriptive piece of coursework using all relevant descriptive features on a post - apocalyptic world</p>	<p>punctuation and grammar.</p> <p>R1 demonstrate understanding of explicit meanings R2 demonstrate understanding of implicit meanings and attitudes R3 analyse, evaluate and develop facts, ideas and opinions.</p> <p>Assessment : Students will produce a coursework responding to an article</p>	<p>of ideas and attitudes AO3: recognise and appreciate ways in which writers use language, structure and form to create and shape meanings and effects AO4: communicate a sensitive and informed personal response to literary texts.</p> <p>Assessment: Students will produce a piece of coursework of 800-1200 words based on analysis of two of the poems</p>	<p>and shape meanings and effects AO4: communicate a sensitive and informed personal response to literary texts.</p> <p>Assessment:: Students will produce a piece of coursework of 800-1200 words based on analysis of two of the short stories</p>	<p>and form to create and shape meanings and effects AO4: communicate a sensitive and informed personal response to literary texts.</p> <p>Assessment:: Students will produce a piece of coursework of 800-1200 words based on analysis of two of the short stories</p>
Maths	<p><u>Approximations</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Rounding- to a decimal places or significant figure • Approximation and error 	<p><u>Ratio and proportion</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Ratio- • Proportion- • Direct proportion • Inverse proportion • Map scales and 	<p><u>Expanding brackets and factoring</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Solving involving brackets • Inequality • factories 	<p><u>Indices</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • laws of indices • expressions involving indices 	<p><u>Quadratic expressions and equations</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • solving quadratic equations by • formula 	<p><u>Probability</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • mutually exclusive outcomes • independent events • conditional



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	<ul style="list-style-type: none"> • Upper bound and lower bound • Estimating using approximations <p>Assessment points: past year questions</p> <p><u>Sets</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Set language • Venn diagrams • Listing sets • Other notation <p>Assessment points: past year questions</p> <p><u>Percentages</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • General sales tax(GST) • Percentage change – profit and loss • Reverse percentage <p>Assessment points:</p>	<p>variation</p> <p>Assessment points: past year questions</p> <p><u>Collecting and presenting data</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Types of data • Data collection • Two-way tables • Frequency diagrams • histograms <p>Assessment points: past year questions</p>	<p>Assessment points: past year questions</p> <p><u>Formulae</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • derive formulae • substitution • changing the subject of a formula <p>Assessment points: past year questions</p> <p><u>Further algebraic methods</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Algebraic fractions • equations <p>Assessment points: past year questions</p>	<p>Assessment points: past year questions</p> <p><u>Functions</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • functions notation and mappings • inverse and composite functions <p>Assessment points: past year questions</p>	<ul style="list-style-type: none"> • completing the square <p>Assessment points: past year questions</p> <p><u>Pythagoras theorem and trigonometry</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Pythagoras theorem • trigonometry properties <p>Assessment points: past year questions</p>	<p>probability</p> <p>Assessment points: past year questions</p> <p><u>Linear graphs</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • midpoint • equations of parallel lines • linear programming • different graphs <p>Assessment points: past year questions</p>
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	past year questions					
ADD Maths	<p><u>Simultaneous Equation</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Linear equations in two unknowns • Nonlinear equations with two unknowns <p>Assessment points:</p> <p>past year questions</p> <p><u>Indices, surds and logarithms</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Exponential equations • Logarithms law • Solving problems <p>Assessment points:</p> <p>past year questions</p> <p><u>Quadratic expressions and equations</u></p>	<p><u>Remainder and factor theorems</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Polynomial identities • Remainder theorem • Factor theorem • Solving cubic <p>Assessment points:</p> <p>past year questions</p> <p><u>Coordinate geometry</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Distance and midpoint • Perpendicular lines and parallel lines(Equation) • Solving problems 	<p><u>Linear law</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • laws and properties <p>Assessment points:</p> <p>past year questions</p> <p><u>Functions</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Composite functions • Inverse functions • Absolute valued functions <p>Assessment points:</p> <p>past year questions</p> <p><u>Trigonometric functions</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Trigo ratios • Sine, cos and tan 	<p><u>Simple Trigonometric identities and equations</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • simple identities • trigonometry equations and more graphs <p>Assessment points:</p> <p>past year questions</p> <p><u>Circular measure</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Radian measure • Arc length and area of a sector <p>Assessment points:</p> <p>past year questions</p>	<p><u>Permutations and combinations</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • The basic counting principle • Permutations • combinations <p>Assessment points:</p> <p>past year questions</p> <p><u>Binomial theorem</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Binomial expansions <p>Assessment points:</p> <p>past year questions</p>	<p><u>Vectors</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • Basic concepts • Non parallel vectors • Position vectors • Vectors in the Cartesian plane <p>Assessment points:</p> <p>past year questions</p>



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	<p>Skills covered:</p> <ul style="list-style-type: none"> • Maximum and minimum value • Roots • Solving inequalities <p>Assessment points: past year questions</p>	<p>Assessment points: past year questions</p>	<p>graphs</p> <p>Assessment points: past year questions</p>			
Co-ordinated Sciences	<p><u>Characteristics of living organisms</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> • Mrs GREN. Cell structure of animal and plant cells. • Specialised cells. • Microscopy. • Diffusion. • Osmosis. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Using microscopes - Demo diffusion - Osmosis of potatoes in different solutions <p><i>Assessment points:</i></p>	<p><u>Atoms, elements and compounds</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> • Physical and chemical changes. • Elements, compounds and mixtures. • Atomic structure. Isotopes and ions. • Bonding in ionic compounds • Properties of ionic compounds. • Bonding in simple covalent molecules. • Properties of simple covalent molecules. 	<p><u>Work, energy and power</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> • Calculating work done. • Types of energy. • Calculating kinetic energy. • Calculating gravitational potential energy. • Energy transfers. • Calculating efficiency. • Calculating power. • Renewable and non-renewable energy resources. 	<p><u>Animal nutrition</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> • Balanced diet / • Types of biological molecule. • Food tests. • Deficiency diseases. • Human digestive system. • Mechanical and chemical digestion. • Absorption in the intestines. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Food testing - Making poo <p><i>Assessment points:</i></p>	<p><u>Stoichiometry</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> • Constructing and balancing chemical equations. • Relative atomic masses. • Calculating formula mass. • The mole. • Calculating reacting masses. <p><i>Experiments:</i></p> <p>None</p> <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>Electricity and Chemistry</u></p>	<p><u>Kinetic theory of matter</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> • Solids, liquids and gases. • Changes of state. • Brownian motion. • Measurement of temperatures. • Calculating boiling and melting points. • Condensation and evaporation. • Thermal expansion <p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Calculating melting/boiling point of a substance. - DEMO brownian motion



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	<p>Past paper exam questions</p> <p><u>Enzymes</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Structure of enzymes. ● Lock and key theory. ● Effect of temperature and pH on enzyme activity. <p><i>Experiments:</i></p> <p>- Effect of temperature on enzyme activity</p> <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>Plant nutrition</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Photosynthesis. ● Factors affecting the rate of photosynthesis. ● Structure of leaves. ● Gas exchange in plants. 	<ul style="list-style-type: none"> ● Giant covalent structure. <p><i>Experiments:</i></p> <p>- Burning magnesium to demo difference in types of bonding</p> <p>- Using pencils to complete an electrical circuit demo</p> <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>Motion</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Measuring length and time ● Calculating speed ● Interpreting distance-time graphs ● Interpreting velocity-time graphs <p><i>Experiments:</i></p> <p>- Calculating speed of toy cars</p> <p><i>Assessment points:</i></p>	<p><i>Experiments:</i></p> <p>- Energy transfer circus</p> <p><i>Assessment points:</i></p> <p>Past paper exam questions</p>	<p>Past paper exam questions</p> <p><u>Transport</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Transpiration. ● Translocation. ● Circulatory system. ● Structure of the heart. ● Heart disease. ● Structure and function of blood vessels. ● Constituents of blood. <p><i>Experiments:</i></p> <p>- Heart dissection</p> <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>B8 Gas exchange and respiration</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Gas exchange in humans ● Effects of exercise on breathing / Impact of smoking on the lungs 	<p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Electrolysis of molten compounds. ● Electrolysis of ionic solutions. Ionic half equations. ● Electroplating. ● The extraction of pure aluminium, chlorine and sodium hydroxide through electrolysis. <p><i>Experiments:</i></p> <p>- Demo - electrolysis of molten ionic substance</p> <p>- Electrolysis of copper sulfate</p> <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>Chemical change</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Endothermic and exothermic reactions. ● Energy level diagrams. ● Measuring rate of reaction / ● Collision theory. 	<p>- DEMO thermal expansion</p> <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>Transfer of thermal energy</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Conduction. ● Convection. ● Radiation. ● Useful energy transfers. <p><i>Experiments:</i></p> <p>- Testing thermal conductors</p> <p>- Convection of potassium permanganate</p> <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>Properties of waves</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Types of wave. ● Light. ● Reflection. ● Refraction.
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	<p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Measuring the effect of light intensity on the rate of photosynthesis <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>Particulate nature of matter</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Particle behaviour in solids, liquids and gases. ● Introduction to the atom. Diffusion. <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>Experimental techniques</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Experimental design. ● Paper chromatography. ● Testing purity. ● Filtration. ● Evaporation. 	<p>Past paper exam questions</p> <p><u>Forces</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Mass and weight. ● Calculating density. ● Identifying forces. ● Calculating resultant force. ● Hooke's law. ● Calculating moments. ● Determining centre of mass of an object. ● Calculating pressure. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Calculating density of different materials - Determining centre of mass of an irregular body <p><i>Assessment points:</i></p> <p>Past paper exam questions</p>		<ul style="list-style-type: none"> ● Aerobic respiration ● Anaerobic respiration <p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Measuring impact of exercise on rate of breathing/pulse <p><i>Assessment points:</i></p> <p>Past paper exam questions</p>	<ul style="list-style-type: none"> ● Factors influencing rate of reaction. ● Redox reactions. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Endothermic and exothermic reactions - Effect of concentration on rate of reaction <p><i>Assessment points:</i></p> <p>Past paper exam questions</p> <p><u>Acids, bases and salts</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Properties of acids and bases. ● Types of oxide compound. ● Preparation of a pure dry sample of a salt. ● Identifying cations. ● Identifying anions. ● Gas testing. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Preparation of a pure dry sample of a salt - Testing Anions 	<ul style="list-style-type: none"> ● Using lenses. ● The electromagnetic spectrum. ● Sound waves. ● Uses of sound waves. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Reflection of light - Refraction of light - Using lenses - Measuring sound waves with an oscilloscope <p><i>Assessment points:</i></p> <p>Past paper exam questions</p>
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	<ul style="list-style-type: none"> ● Crystallisation. ● Distillation. ● Fractional distillation. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Filtration - Distillation - Fractional distillation demo - Paper chromatography <p><i>Assessment points:</i> Past paper exam questions</p>				<ul style="list-style-type: none"> - Testing Cations - Testing gases <p><i>Assessment points:</i> Past paper exam questions</p>	
Biology	<p><u>Cell Structure and Organisation</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● World of microscope ● Animal and plant cells ● Eukaryotic and prokaryotic cells ● Specialised cells ● Cell organisation ● Diffusion ● Osmosis ● Active transport 	<p><u>Human biology- Digestion</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Carbohydrates, lipids and proteins ● Catalysts and enzymes ● Factors affecting enzyme action ● The digestive system 	<p><u>Human biology- Circulation</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Circulatory system ● Blood, blood vessels ● Helping the heart ● Immune system and blood groups <p><i>Experiments:</i></p>	<p><u>Homeostasis</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Principles of homeostasis ● Removing waste products ● The human kidney ● Controlling body temperature ● Controlling blood glucose ● Treating diabetes 	<p><u>Plants as organisms</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Photosynthesis ● Limiting factors ● How plants use glucose ● Exchange in plants ● Evaporation and transpiration ● Transport system in plants <p><i>Experiments:</i></p>	<p><u>Variation and inheritance</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Photosynthesis ● Limiting factors ● How plants use glucose ● Exchange in plants ● Evaporation and transpiration ● Transport system in plants



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	<p><i>Experiments:</i></p> <ul style="list-style-type: none"> - Microscope (Observing onion cell and Cheek cells) - Osmosis in potato <p>Assessment points: Past years question</p> <p><u>Human biology- Breathing</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Exchanging materials ● Breathing and gas exchange in lungs ● Artificial breathing aids ● Aerobic/ Anaerobic respiration ● Effect of exercise on the body <p><i>Experiments:</i></p> <ul style="list-style-type: none"> -Spirometer investigation 	<ul style="list-style-type: none"> ● Uses of enzymes <p><i>Experiments:</i></p> <ul style="list-style-type: none"> -Food tests -Effects of pH on enzymes' rate of reaction <p>Assessment points: Past years question</p>	<p>-*Heart dissection</p> <p><i>Assessment points:</i></p> <p>Past years question</p> <p><u>Nervous coordination and behaviour</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Responding to change ● Reflex actions ● Animal behaviours ● Animal communications ● Reproductive behaviours ● Human use of animal behaviours <p><i>Experiments:</i></p> <p>None</p> <p><i>Assessment points:</i></p> <p>Past years question</p>	<p><i>Experiments:</i></p> <p>None</p> <p><i>Assessment points:</i></p> <p>Past years question</p> <p><u>Defending ourselves against disease</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Pathogens and disease ● Defense mechanisms ● Immunity ● Using drugs to treat disease ● Changing pathogens <p><i>Experiments:</i></p> <p>None</p> <p><i>Assessment points:</i></p> <p>Past years question</p>	<ul style="list-style-type: none"> -Celery/ cabbage experiment -Xylem (slide-making) -Testing for starch in leaves -Stomata (slide making) <p><i>Assessment points:</i></p> <p>Past years question</p> <p><u>Cell Division and Differentiation</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Cell division ● Growth and differentiation ● Stem cells ● Cell growth and cancer <p><i>Experiments:</i></p> <ul style="list-style-type: none"> -Onion root tip (Observing mitosis phases) <p><i>Assessment points:</i></p> <p>Past years questions</p>	<p><i>Experiments:</i></p> <p>None</p> <p><i>Assessment points:</i></p> <p>Past years question</p>
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	<p>- Breathing rate and pulse rate <i>Assessment points:</i> Past years question</p>					
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Physics	<p><u>Rays and waves</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Reflection and refraction of light. ● Thin converging lenses. ● Dispersion of light. ● Electromagnetic waves <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● refraction in glass block ● refraction by a prism ● find a focal length of a convex lens <p><i>Assessment points:</i></p> <p>Past years question</p>	<p><u>Forces and energy</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Energy, work and power. ● Renewable and non-renewable sources of energy. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● generator /dynamo <p>Assessment points:</p> <p>Past years question</p> <p><u>Waves and sounds</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Transverse and longitudinal waves. ● Wave effects ● Sound effects ● Speed of sound and echoes ● Characteristics of sound waves. ● Ultrasound 	<p><u>Measurements and units</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Units. ● Mass, length, time, volume and density. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● measuring length ● measuring time ● measuring density <p><i>Assessment points:</i></p> <p>Past years question</p> <p><u>Forces and motions</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Distinguish between speed, velocity and acceleration ● Free fall ● Momentum 	<p><u>Thermal effects</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Thermal expansion of solids, liquids and gases. ● Thermal capacity. ● Melting and boiling ● specific heat capacity of mild steel ● latent heat of fusion ● Transfer of thermal energy. ● Conduction, convection and radiation. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● conductivity of metals ● convection ● specific heat capacity of copper <p><i>Assessment points:</i></p> <p>Past years</p>	<p><u>Forces and pressure</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Turning effect. ● Stretching and compressing. ● Pressure. <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● None <p><i>Assessment points:</i></p> <p>Past years question</p> <p><u>Electricity</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Electric charge, electric field, current, potential difference, resistance, resistance factors, series and parallel circuits, electrical energy and power, living with electricity 	<p><u>Atoms and radioactivity</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Nuclear radiation. ● Radioactive decay. ● Nuclear energy. Using radioactivity <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● animation (types of radioactive radiation, half life) <p><i>Assessment points:</i></p> <p>Past year questions</p>
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Chemistry	<u>States of matter</u>	<u>Atoms combining</u>	<u>The Periodic Table</u>	<u>Reacting masses, and chemical equations</u>	<u>Electricity and chemical change</u>	<u>Acids, bases, and salts</u>
	<p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Particles ● Solids, liquids, and gases <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● heating curve of water ● smoke ring experiment <p><i>Assessment points:</i></p> <p>Topical questions</p> <p><u>Separating substances</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Mixtures ● Pure substances and impurities ● Separation methods <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● crystallisation ● simple distillation ● chromatography <p><i>Assessment points:</i></p>	<p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Compounds ● Types of bonding ● Comparison between types of bonding <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● physical vs chemical change ● molecular model <p><i>Assessment points:</i></p> <p>Topical questions</p>	<p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Overview ● Group I, VII, VIII and the transition elements ● Across the Periodic Table <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● Group I metals ● catalytic reaction of transition metals <p><i>Assessment points:</i></p> <p>Topical questions</p> <p><u>Air and water</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Composition of air ● Water treatment ● Pollutants ● Rusting of iron <p><i>Experiments:</i></p>	<p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Names and formulae ● Equations ● Calculation about masses and % <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● molecular model <p><i>Assessment points:</i></p> <p>Topical questions</p> <p><u>Using Mole</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Mole ● Calculation from equations ● Empirical formula and molecular formula ● % yield and % purity <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● molecular model 	<p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Conductors and insulators ● Electrolysis ● Uses of electrolysis <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● conductor and insulator ● electrolysis of water ● electrolysis of dilute and concentrated sodium chloride solutions ● electroplating <p><i>Assessment points:</i></p> <p>Topical questions</p> <p><u>Energy changes, and reversible reactions</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Energy changes ● Energy from fuels 	<p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Acids and alkalis ● Reactions of acids and alkalis ● Making salts <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● properties of acid and alkali ● reactions of acid and base <p><i>Assessment points:</i></p> <p>Topical questions</p> <p><u>In the lab</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Working with gases ● Testing for ions <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● tests for gases ● tests for anions ● tests for cations <p><i>Assessment points:</i></p> <p>Topical questions</p>



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	<p>Topical questions</p> <p><u>Atoms and elements</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Atoms ● Isotopes ● How electrons are arranged ● Metals and non-metals <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● molecular model <p><i>Assessment points:</i></p> <p>Topical questions</p>		<ul style="list-style-type: none"> ● composition of oxygen in air ● chemical tests for water <p><i>Assessment points:</i></p> <p>Topical questions</p>	<ul style="list-style-type: none"> ● the composition of MgO <p><i>Assessment points:</i></p> <p>Past years' questions</p> <p><u>Redox Reactions</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Oxidation and reduction ● Electron transfer ● Oxidation state ● Oxidising and reducing agents <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● oxidising and reducing agents <p><i>Assessment points:</i></p> <p>Past years' questions</p>	<ul style="list-style-type: none"> ● Giving out energy as electricity ● Reversible reactions ● Equilibrium <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● exothermic and endothermic reactions ● chemical tests for water <p><i>Assessment points:</i></p> <p>Topical questions</p> <p><u>The speed of a reaction</u></p> <p><i>Skills covered:</i></p> <ul style="list-style-type: none"> ● Rates and measurement ● Changing the rate ● Catalysts ● Photochemical reactions <p><i>Experiments:</i></p> <ul style="list-style-type: none"> ● rate and particle size ● rate and temperature ● rate and catalyst 	
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					<i>Assessment points:</i> Topical questions	
Chinese as a First Language	<p><u>Social relationship</u></p> <p>Skill Covered:</p> <ul style="list-style-type: none"> · Read and understand comprehension. · To think about relationship between family and friends. · Learning narrative writing. · Understand Classical Chinese <p>Assessment Point:</p> <ul style="list-style-type: none"> · To complete narrative writing about family members · To translate Classical Chinese 	<p><u>Hometown</u></p> <p>Skill Covered:</p> <ul style="list-style-type: none"> · To think about the importance of 'home' · Learning descriptive writing · Exercise on Classical Chinese <p>Assessment Point:</p> <ul style="list-style-type: none"> · Descriptive writing about hometown and complete Classical Chinese exercises 	<p><u>Historical and heroic figures</u></p> <p>Skill Covered:</p> <ul style="list-style-type: none"> · To discuss about the influences of the heroes to the society. · Learning argumentative writing · Understand Classical Chinese <p>Assessment Point:</p> <ul style="list-style-type: none"> · Essay writing about historical building · Speak about familiar heroes 	<p><u>Nature landscape</u></p> <p>Skill Covered:</p> <ul style="list-style-type: none"> · To learn descriptive writing about nature · Multi-ankle writing · Exercise on Classical Chinese <p>Assessment Point:</p> <ul style="list-style-type: none"> · Descriptive writing about nature · Complete exercises in chapter 4 	<p><u>Virtues and attitudes to studying</u></p> <p>Skill Covered:</p> <ul style="list-style-type: none"> · Deep thinking on the value of live · Speaking · To write a letter <p>Assessment Point:</p> <ul style="list-style-type: none"> · Speak about good virtues. <p>Write about school</p>	<p><u>Chinese philosophers</u></p> <p>Skill Covered:</p> <ul style="list-style-type: none"> · Reading and discuss Classical literature · Argumentative writing · To practise on pass year questions <p>Assessment Point:</p> <ul style="list-style-type: none"> · Understand the classical literature and complete Pass year questions
Chinese as a second language	<p><u>Chinese Name, China heritage</u></p>	<p><u>Friendship</u></p> <p><i>Skills covered:</i></p>	<p><u>Season, Personality</u></p> <p><i>Skills covered:</i></p>	<p><u>Chinese culture</u></p> <p><i>Skills covered:</i></p>	<p><u>Compare Western and Chinese culture</u></p>	<p><u>Food</u></p> <p><i>Skills covered:</i></p>



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	<p><i>Skills covered:</i> Listening Speaking Reading Writing</p> <p><i>Assessment points:</i> Letter writing about introduce the origin of Chinese name</p> <p>Speaking: Introduce a Chinese heritage</p> <p>Comprehension about the topic</p>	<p>Listening Speaking Reading Writing</p> <p><i>Assessment points:</i> Speak about the different types of friend</p> <p>Descriptive writing about your friend</p> <p>Comprehension and opinion writing about how to make a good friend</p>	<p>Listening Speaking Reading Writing</p> <p><i>Assessment points:</i> Feeling sharing about four seasons</p> <p>People descriptive task</p> <p>Speaking to introduce your feeling and place</p>	<p>Listening Speaking Reading Writing</p> <p><i>Assessment points:</i> Share a Chinese culture</p> <p>Write the meaning to each Chinese culture</p> <p>Comprehension about Chinese culture</p>	<p><i>Skills covered:</i> Listening Speaking Reading Writing</p> <p><i>Assessment points:</i> Listening test</p> <p>Sharing Western culture</p> <p>Writing about compare Western and China culture</p>	<p>Listening Speaking Reading Writing</p> <p><i>Assessment points:</i> Create restaurant menu</p> <p>Sharing the ingredient of food</p> <p>Write the essay about how to have healthy food</p>
Foreign Language Mandarin	<p><u>Write a short text about Stationery</u></p> <p><i>Skill Covered: Speaking</i> Listening Reading Writing</p> <p><i>Assessment Points:</i></p>	<p><u>Gifts</u></p> <p><i>Skill Covered: Speaking</i> Listening Reading Writing</p> <p><i>Assessment Points:</i> Identify the gifts through labelling stationery</p>	<p><u>Role play speaking practical</u></p> <p><i>Skill Covered:</i> Speaking Listening Reading Writing</p> <p><i>Assessment Points:</i></p>	<p><u>Home</u></p> <p><i>Skill Covered: Speaking</i> Listening Reading Writing</p> <p><i>Assessment Points:</i> IGCSE speaking Paper 3 (role play)</p>	<p><u>Life at home Daily routine</u></p> <p><i>Skill Covered: Speaking</i> Listening Reading Writing</p> <p><i>Assessment Points</i> IGCSE paper 2 Reading Comprehension</p>	<p><u>Asking the question</u></p> <p><i>Skil Covered: Speaking</i> Listening Reading Writing</p> <p><i>Assessment Points:</i> IGCSE paper 2 Reading Comprehension</p>



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	<p><i>Identify the stationery through labelling stationery</i></p> <p><i>Write a short text on "My stationery"</i></p>	<p><i>Project based learning(design a creative gift)</i></p>	<p><i>IGCSE speaking Paper 3 (role play cards)</i></p> <p><i>PT2: IGCSE Listening paper 1</i></p>	<p><i>cards)</i></p> <p><i>IGCSE paper 2 Reading Comprehension</i></p>	<p><i>IGCSE paper 4</i></p>	<p><i>IGCSE paper 4</i></p>
Bahasa	<p style="text-align: center;">PROSPEROUS OVER THE AGE</p> <p><i>Skill</i></p> <p>Speaking</p> <p>Listening</p> <p>Reading</p> <p>Writing</p> <p>Presentation</p> <p>Assessment</p> <p>Reading and directed writing</p> <p>Section 1 & 2</p>	<p style="text-align: center;">SPEND MONEY WISELY</p> <p>Skills</p> <p>Speaking</p> <p>Listening</p> <p>Reading</p> <p>Writing</p> <p>Presentation</p> <p>Assessment</p> <p>Reading and directed writing</p>	<p style="text-align: center;">EVERLASTING ALAM SEKITAR</p> <p>Skills</p> <p>Speaking</p> <p>Listening</p> <p>Reading</p> <p>Writing</p> <p>Presentation</p> <p>Assessment</p> <p>Writing</p>	<p style="text-align: center;">CURRENT EDUCATION</p> <p>Skills</p> <p>Speaking</p> <p>Listening</p> <p>Reading</p> <p>Writing</p> <p>Presentation</p> <p>Assessment</p> <p>Writing</p>	<p style="text-align: center;">CHILDREN'S MENTAL WELLNESS</p> <p>Skills</p> <p>Speaking</p> <p>Listening</p> <p>Reading</p> <p>Writing</p> <p>Presentation</p> <p>Assessment</p>	<p style="text-align: center;">TEKNOLOGI MAKLUMAT</p> <p>Skills</p> <p>Speaking</p> <p>Listening</p> <p>Reading</p> <p>Writing</p> <p>Presentation skill</p> <p>Assessment</p>



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		Section 3	Section 1 & 2	Section 3 (select 1 out of 3 essay questions)	Writing Section 3 (select 1 of 3 essay question)	Kertas 4 (Format IGCSE)
History	<p><u>Core KQ1: The Treaty of Versailles</u></p> <p>Skills covered: AO1: Organise and deploy knowledge AO2: Construct historical explanations AO3: Source Analysis</p> <p>Assessment points: Practice describe (4 mark) and explain (6 mark) questions about the Treaty negotiations (Paper 1)</p> <p>Practice source questions about the fairness of the Treaty</p> <p>End of unit assessment with Paper 1 skills (4 mark, 6 mark) & Paper</p>	<p><u>Core KQ2: The League of Nations & KQ3: Breakdown of International Peace</u></p> <p>Skills covered: AO1: Organise and deploy knowledge AO2: Construct historical explanations</p> <p>Assessment points: source comparison question about the successes of the League</p> <p>10 mark essay about the successes and failures of the League</p> <p>End of unit assessment with mostly Paper 1 skills (4 mark, 6 mark, 10 mark essay) &</p>	<p><u>Core KQ4: Origins of the Cold War</u></p> <p>Skills covered: AO1: Select, organise and deploy knowledge AO2: Construct historical explanations</p> <p>Assessment points: 6 mark questions about the breakdown of the alliance and Potsdam</p> <p>10 mark essay writing based on the topic of who was to blame</p> <p>End of unit assessment with mostly Paper 1 skills</p>	<p><u>Core KQ5: American Containment during the Cold War Part 1</u></p> <p>Skills covered: AO1: Select, organise and deploy knowledge AO2: Construct historical explanations AO3: Source analysis Assessment points: 6 mark PEEL about why Khrushchev placed missiles on Cuba</p> <p>12 mark source essay from Paper 2</p> <p>End of unit assessment with mostly Paper 1 skills (4 mark, 6 mark, 10 mark essay) & Paper 2 source skills</p>	<p><u>Core KQ5: American Containment during the Cold War Part 2</u></p> <p>Skills covered: AO1: Select, organise and deploy knowledge AO3: Source Analysis</p> <p>Assessment points: What is the message of this source about the American build-up in Vietnam</p> <p>12 mark source essay based on the My Lai massacre</p> <p>End of unit assessment with mostly Paper 2 skills (2 source questions</p>	<p><u>Core KQ6: USSR Control of Eastern Europe 1948-89</u></p> <p>Skills covered: AO1: Select, organise and deploy knowledge AO2: Construct historical explanations</p> <p>Assessment points: 6 mark questions explaining the causes of Hungary 1956</p> <p>10 mark essay with a comparison of Hungary 1956 and Prague 1968</p> <p>End of unit assessment with a mixture of Paper 1 and Paper 2 skills</p>



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	2 skills (3 source questions)	Paper 2 skill (source comparison question)	(4 mark, 6 mark, 10 mark essay)		& 12 mark source essay)	
Geography	<p><u>Tectonics and Rivers</u></p> <p>Skills covered: A01: Knowledge with Understanding A02: Skills and Analysis A03: Judgement and Decision Making Define key terms, describe distributions, explain the formation of physical landforms, describe the impacts of natural hazards on people and solutions to these impacts. Investigate relevant case studies</p> <p>Assessment points:</p>	<p><u>Coasts, Weather & Weathering</u></p> <p>Skills covered: A01: Knowledge with Understanding A02: Skills and Analysis A03: Judgement and Decision Making Define key terms, describe distributions, explain the formation of physical landforms, describe the impacts of natural hazards on people and solutions to these impacts. Investigate relevant case studies</p> <p>Assessment points: Complete IGCSE long answer question & peer & teacher assess</p>	<p><u>Climate, Vegetation & Agriculture</u></p> <p>Skills covered: A01: Knowledge with Understanding A02: Skills and Analysis A03: Judgement and Decision Making Define key terms, describe distributions, explain the formation of physical landforms, describe the impacts of natural hazards on people and solutions to these impacts. Investigate relevant case studies</p> <p>Assessment points: Complete IGCSE long answer question & peer & teacher assess</p>	<p><u>Industry & Development</u></p> <p>Skills covered: A01: Knowledge with Understanding A02: Skills and Analysis A03: Judgement and Decision Making Define key terms, describe distributions, explain the formation of physical landforms, describe the impacts of natural hazards on people and solutions to these impacts. Investigate relevant case studies</p> <p>Assessment points: Complete IGCSE long answer question & peer & teacher assess</p>	<p><u>Industry & Water, Environmental Impacts of Industry</u></p> <p>Skills covered: A01: Knowledge with Understanding A02: Skills and Analysis A03: Judgement and Decision Making Define key terms, describe distributions, explain the formation of physical landforms, describe the impacts of natural hazards on people and solutions to these impacts. Investigate relevant case studies</p> <p>Assessment points:</p>	<p><u>IGCSE Revision</u></p> <p>Skills covered: A01: Knowledge with Understanding A02: Skills and Analysis A03: Judgement and Decision Making Define key terms, describe distributions, explain the formation of physical landforms, describe the impacts of natural hazards on people and solutions to these impacts. Investigate relevant case studies</p> <p>Assessment points: Complete IGCSE long answer question & peer & teacher assess</p>



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	<p><i>Complete IGCSE long answer question & peer & teacher assess</i></p> <p><i>Complete quiz of IGCSE questions and review MS</i></p> <p><i>Past Paper IGCSE Assessment</i></p>	<p><i>Complete quiz of IGCSE questions and review MS</i></p> <p><i>Past Paper IGCSE Assessment</i></p>	<p><i>Complete quiz of IGCSE questions and review MS</i></p> <p><i>Past Paper IGCSE Assessment</i></p>	<p><i>Complete quiz of IGCSE questions and review MS</i></p> <p><i>Past Paper IGCSE Assessment</i></p>	<p><i>Complete IGCSE long answer question & peer & teacher assess</i></p> <p><i>Complete quiz of IGCSE questions and review MS</i></p> <p><i>Past Paper IGCSE Assessment</i></p>	<p><i>Complete quiz of IGCSE questions and review MS</i></p> <p><i>Past Paper IGCSE Assessment</i></p>
Business	<p><u><i>Understanding Business Activity: Business Activity, Classification Of Businesses And Enterprise, Business Growth And Size</i></u></p> <p><i>Skills covered:</i> AO1: Knowledge And Understanding</p> <p><i>Assessment points:</i></p>	<p><u><i>Understanding Business Activity: Types of Business Organisations, Business Objectives And Stakeholder Objectives, Internal And External Communication</i></u></p> <p><i>Skills covered:</i> AO1: Knowledge And Understanding</p> <p><i>Assessment points:</i> Students write a list of company objectives for Non-profit</p>	<p><u><i>Marketing: Marketing Competition And The Consumer, Market Research</i></u></p> <p><i>Skills covered:</i> AO1: Knowledge And Understanding AO2: Application AO3: Analysis</p> <p><i>Assessment points:</i> Produce findings on a research topic about</p>	<p><u><i>Marketing: Marketing Mix and Marketing Strategies</i></u></p> <p><i>Skills covered:</i> AO1: Knowledge And Understanding</p> <p><i>Assessment points:</i> Presentation of a company and its use of the marketing mix</p>	<p><u><i>Financial Information and Decisions: Business Finance: Needs and Sources, Break Even Analysis and Cash Flow Forecasts And Working Capital</i></u></p> <p><i>Skills covered:</i> AO1: Knowledge And Understanding AO2: Application AO3: Analysis</p> <p><i>Assessment points:</i></p>	<p><u><i>Financial Information and Decisions: Income Statements - Profit and Loss Accounts, Balance Sheets and Analysis Of Accounts</i></u></p> <p><i>Skills covered:</i> AO1: Knowledge And Understanding AO2: Application AO3: Analysis</p> <p><i>Assessment points:</i></p>



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	<p><i>Students to match a list of companies to its business classification</i></p> <p><i>Complete a list of industries and match it to its type of production</i></p> <p><i>Mixture of Past Paper 1 and 2 exam questions, for example: In country A some of the largest businesses are in the public sector. Explain two objectives that a public sector business might aim to achieve.</i></p>	<p><i>organisations, private and public enterprises</i></p> <p><i>Mixture of Past Paper 1 and 2 exam questions, for example: Outline two features of an effective communication system in a business.</i></p>	<p><i>how to improve the school</i></p> <p><i>Compare the competition against Straits school, highlighting the main features</i></p> <p><i>Mixture of Past Paper 1 and 2 exam questions, for example: Explain the marketing opportunities that the internet has created for many businesses.</i></p>	<p><i>Presentation of a new product which the students have made.</i></p> <p><i>Mixture of Past Paper 1 and 2 exam questions, for example: Explain how two elements of a marketing mix other than price might help the sales of Classic Computers' products.</i></p>	<p><i>Produce a break even chart using a formula and table from given information</i></p> <p><i>Produce a cash flow forecast from given information</i></p> <p><i>Mixture of Past Paper 1 and 2 exam questions, for example: Identify and explain two possible causes of his cash flow problem.</i></p>	<p><i>Produce a profit and loss account from given information</i></p> <p><i>Produce a balance sheet from given information</i></p> <p><i>Mixture of Past Paper 1 and 2 exam questions, for example: Calculate the gross profit and net profit margin from given information.</i></p>
ICT	<p><u>Document Production, Input and Output Devices, File Management, Proofing, Images,</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • AO1 Recall, select and communicate knowledge and understanding of ICT 	<p><u>Presentations, Styles, Storage Devices and Media, Proofing</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • AO1 Recall, select and communicate knowledge and understanding of ICT • AO2 Apply knowledge, 	<p><u>Types and Components of Computer Systems</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • AO1 Recall, select and communicate knowledge and understanding of ICT <p>Assessment points:</p>	<p><u>Networks and the effects of using them, The effects of using IT</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • AO1 Recall, select and communicate knowledge and understanding of ICT <p>Assessment points:</p>	<p><u>Data Manipulation, Proofing</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • AO1 Recall, select and communicate knowledge and understanding of ICT • AO2 Apply knowledge, understanding and skills to produce ICT-based 	<p><u>Data Analysis, Layout, Graphs and Charts, Proofing</u></p> <p>Skills covered:</p> <ul style="list-style-type: none"> • AO1 Recall, select and communicate knowledge and understanding of ICT • AO2 Apply knowledge,



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	<ul style="list-style-type: none"> AO2 Apply knowledge, understanding and skills to produce ICT-based solutions <p>Assessment points:</p> <ul style="list-style-type: none"> PT1 Identify a list of computer components and state whether they are input, output devices PT2 Students are able to edit images from a variety of sources MT Past Paper 2 exam questions, for example: You are now going to edit a document about the proposed 	<p>understanding and skills to produce ICT-based solutions</p> <p>Assessment points:</p> <ul style="list-style-type: none"> PT1 Identify a list of computer storage devices and justify its best possible usage PT2 Students are able to produce a document using a corporate house style MT Past Paper 2 exam questions, for example: Your manager has asked you to set up a presentation for a mobile phone company called Dygitell. 	<ul style="list-style-type: none"> P1 Identify a list of computer components and software PT2 Students are able to explain the impact of emerging technologies MT Past Paper 1 exam questions, for example: Virtual reality has an impact on everyday life. (a) Name two devices that could be used with a virtual reality system. 	<ul style="list-style-type: none"> PT1 Students are able to define the internet and the intranet, and explain the differences between them PT2 Presentation of effects of IT on employment MT Past Paper 1 exam questions, for example: Name three safety issues associated with your use of computers. For each issue describe a way of minimising the risk. 	<p>solutions</p> <p>Assessment points:</p> <ul style="list-style-type: none"> PT1 Students are able to create a data handling design sheet PT2 Past Paper 1 exam questions, for example: Name and describe in detail the files the library database system would use. MT Past Paper 2 exam questions, for example: You are now going to manipulate and extract some data. 	<p>understanding and skills to produce ICT based solutions</p> <p>Assessment points:</p> <ul style="list-style-type: none"> PT1 Students are able to create a table, enter data and produce a simple graph PT2 Past Paper 1 exam questions, for example: Write a formula for cell E2 to automatically display “needs improvement” or “well done”. MT Past Paper 1 exam questions, for example: You work for a stationery company called Pens4U.
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	<p>manufacturing plant.</p>					<p>Your manager has asked you to calculate the value of current orders.</p>
<p>ART</p>	<p style="text-align: center;"><u>Artwork making process (drawing&painting) use iGCSE exam paper 1 sample</u></p> <p>Skills covered: Skill Drawing, shading. Proportion Composition</p> <p>Assessment points: produce a piece of artwork based on the artist reference</p>	<p style="text-align: center;"><u>Artwork making process (drawing&painting) use iGCSE exam paper 1 sample</u></p> <p>Skills covered: Skill Drawing, shading. Proportion Composition perspective</p> <p>Assessment points: produce a piece of artwork based on the artist reference</p>	<p style="text-align: center;"><u>Artwork making process use iGCSE exam paper 2 sample</u></p> <p>Skills covered: Design techniques idea development observational drawing rendering and shading techniques</p> <p>Assessment points: produce a piece of artwork based on the artist reference</p>	<p style="text-align: center;"><u>Artwork making process use iGCSE exam paper 2 sample</u></p> <p>Skills covered: media and materials exploration idea composition artist reference imitation and research .</p> <p>Assessment points: produce a piece of artwork based on the artist reference</p>	<p style="text-align: center;"><u>Artwork making process use iGCSE exam paper 4 sample</u></p> <p>Skills covered: coursework study topic and theme research idea development and brainstorming observational drawing</p> <p>Assessment points: produce a piece of artwork based on the artist reference</p>	<p style="text-align: center;"><u>Artwork making process use iGCSE exam paper 4 sample</u></p> <p>Skills covered: Secondary idea development painting / mix media artwork composition final artwork making process</p> <p>Assessment points: produce a piece of artwork based on the artist reference</p>



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	<p>Artist reference Paul Klee, Rembrandt</p>	<p>Artist reference Le Corbusier</p>	<p>Artist reference Karim Rashid</p>	<p>Artist reference Karim Rashid</p>	<p>Artist reference Louise De Masi</p>	<p>Artist reference Louise De Masi</p>
<p>Music</p>	<p><u>Introductory to Musical Form</u></p> <p>Skills covered: Performing Reviewing Composing</p> <p>Assessment points: General theory assessment</p>	<p><u>Baroque, Classical and Romantic with composition</u></p> <p>Skills covered: Listening Composing Reviewing</p> <p>Assessment points: Minuet composition</p>	<p><u>Romantic Period</u></p> <p>Skills covered: Listening Composing Reviewing</p> <p>Assessment points: Minimalism composition Listening Test</p>	<p><u>20th Century</u></p> <p>Skills covered: Lisyaeninh Composing Reviewing</p> <p>Assessment points: Complete iGCSE Listening Test</p>	<p><u>World Music</u></p> <p>Skills covered: Listening Reviewing</p> <p>Assessment points: Mid-point exam questions</p>	<p><u>Composition 1</u></p> <p>Skills covered: Composing Reviewing</p> <p>Assessment points: Ternary structure composition with key changes</p>
<p>ISLAMIC STUDIES</p>	<p><u>Tawheed</u></p> <p>Believe that Allah is One, Supreme and nothing is like Him.</p> <p>The 20 essential attributes of Allah.</p> <p>Learn attributes 11-15.</p>	<p><u>Taharah</u></p> <p>The importance of cleanliness in Islam – other basic taharah.</p> <p>Cleanliness of the food and drink that we consume daily.</p> <p><u>Surah An-Nas</u></p>	<p><u>Surah Al-Zalzalah</u></p> <p>Verse 7 – verse 8 (Revise Verses 1-6)</p> <p><u>Performing Salah</u></p> <p>The importance of Salah in Islam and</p>	<p><u>Ramadhan Al Mubarak</u></p> <p>The importance of this special holy month to Muslims.</p> <p><u>Fasting</u></p> <p>Performing Tarawih and its niyah.</p>	<p><u>Lying, gossiping & backbiting</u></p> <p>One of the worst habits, all Muslims must avoid doing in their lives and how to stop committing the offences according to Islamic rules and laws.</p>	<p><u>Haj</u></p> <p>One of the five pillars of Islam – why it is very important to every Muslims – all rituals during haj.</p> <p><u>Prophet Adam as</u></p> <p>To re-visit how Allah swt created the first man and how he was</p>



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	<p><u>Surah Al-Ikhlās</u></p> <p><i>The meaning of the surah.</i></p> <p><i>Recite and write Verse 3 – Verse 4.</i></p> <p><u>Ar-Risalah (The Prophets)</u></p> <p><i>The names of 25 prophets and their related stories.</i></p> <p><i>Prophet Ezekiel – Prophet Elisha.</i></p>	<p><i>The meaning of the surah and why it is very important to understand the meaning. Learn how to recite the surah using proper tajweed.</i></p>	<p><i>how salah affects the life of Muslims.</i></p>		<p><i>What impacts and effects these habits may have upon families and relatives?</i></p> <p><u>Zakah</u></p> <p><i>The importance of zakah and how it helps the poor and the needy to lead life and how it helps the rich to be thankful to Allah swt.</i></p>	<p><i>sent down to the Earth from the Paradise.</i></p> <p><u>Prophet Ibraaheem</u> <u>as</u></p> <p><i>How haj is related to Prophet Ibraheem a.s.</i></p>
	<p>Skills</p> <p>Thinking, reading, writing, listening , speaking</p>	<p>Skills</p> <p>Thinking, reading, writing, listening , speaking</p>	<p>Skills</p> <p>Thinking, reading, writing, listening , speaking</p>	<p>Skills</p> <p>Thinking, reading, writing, listening , speaking</p>	<p>Skills</p> <p>Thinking, reading, writing, listening , speaking</p>	
	<p>Continuous Assessments</p>	<p>Continuous Assessments</p>	<p>Continuous Assessments</p> <p>1. Reading text and answers</p>	<p>Continuous Assessments</p> <p>1. Reading text and answers</p>	<p>Continuous Assessments</p> <p>1. Reading text and answers</p>	



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	<ol style="list-style-type: none"> 1. Reading text and answers questions on Tawheed. 2. Reading text and answers questions on Ar-Risalah. 3. Writing the important story related to the five prophets. 	<ol style="list-style-type: none"> 1. Reading text and answers questions on Taharah. 2. Reading text and answers questions on Taharah – halal food that we eat. 	<ol style="list-style-type: none"> 1. questions on Here-after. 2. Reading text and answers questions on the importance of Salah. 	<ol style="list-style-type: none"> 1. Reading text and answers questions on Ramadhan. 2. Reading text and answers questions on performing Tarawih prayers. 	<ol style="list-style-type: none"> 1. questions on Lying, gossiping, backbiting. 2. Reading text and answers questions on Zakah. 	<p>Continuous Assessments</p> <ol style="list-style-type: none"> 1. Reading text and answers questions on Haj. 2. Reading text and answers questions on Prophets Adam and Ibraaheem.
PE	<p><u>Invasion Games</u></p> <p><u>Football</u></p> <p>Skills covered: Competition / Match Play Development</p>	<p><u>Fitness & Athletics</u></p> <p>Skills covered: Development of fitness Components of:</p>	<p><u>Aquatics</u></p> <p><u>Swimming</u></p> <p>Skills covered: Level D4 Development</p>	<p><u>Invasion Games</u></p> <p><u>Basketball / Netball</u></p> <p>Skills covered: Competition /</p>	<p><u>Dance & Gymnastics</u></p> <p>Skills covered: Development of:</p> <p>Jumping/ Bouncing Turns</p>	<p><u>Striking and Fielding</u></p> <p><u>Cricket / Rounders</u></p> <p>Skills covered: Competition / Match Play Development</p>



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	<p>Tactics of defending and attacking. Decision making. Spatial awareness. Tactical Analysis Games.</p> <p>Assessment points:</p> <p>Mastery of the range of skills learnt.</p> <p>Confidently plan and organise as a team (tactics)</p> <p>Ability to strategically Identify ways of using skills and tactics to affect performance.</p> <p>Ability to analyse strengths and weaknesses of an opponent and use to influence play.</p>	<p>Warm ups.</p> <p>Components of fitness (fitness testing).</p> <p>Methods of training (fartlek, continuous interval, flexibility, circuit).</p> <p>Assessment points:</p> <p>Improved test results from beginning and start of unit.</p> <p>Understand what types of training are suited to specific sports.</p>	<p>Body Rotations Sculling proficiency 50m freestyle 50m Backstroke Safe turns. Perform a dive.</p> <p>Assessment points:</p> <p>Demonstrate body rotations.</p> <p>Consistently demonstrate correct technique for 50m Freestyle.</p> <p>Consistently demonstrate correct technique for 50m Backstroke.</p> <p>Ability to perform a range of dives.</p>	<p>Match Play Development</p> <p>Attack and defence, positional awareness. Dribbling, beating an opponent. Decision making. Tactical Analysis Games.</p> <p>Assessment points:</p> <p>Mastery of the range of skills learnt.</p> <p>Confidently plan and organise as a team (tactics)</p> <p>Ability to strategically Identify ways of using skills and tactics to affect performance.</p> <p>Ability to analyse strengths and weaknesses of an</p>	<p>Action Sequences Movement Tension</p> <p>Assessment points:</p> <p>Demonstrate the range of skills learnt with some level of confidence, accuracy and precision</p> <p>Ability to perform gymnastic movements with control, fluency and accuracy and tension</p> <p>Is aware of own safety and that of others at all times, can lift carry and place mats safely</p>	<p>Catching. Fielding. Bowling. Batting. Decision making. Tactical Analysis Games.</p> <p>Assessment points:</p> <p>Mastery of the range of skills learnt.</p> <p>Confidently plan and organise as a team (tactics)</p> <p>Ability to strategically Identify ways of using skills and tactics to affect performance.</p> <p>Ability to analyse strengths and weaknesses of an opponent and use to influence matches.</p>
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				<p>opponent and use to influence play.</p> <p><u>Net / Wall Games</u></p> <p><u>Badminton /</u> <u>Volleyball</u></p> <p>Skills covered: Competition / Match Play Development</p> <p>Serve Range of shots Decision making. Tactical Analysis Games</p> <p>Assessment points:</p> <p>Mastery of the range of skills learnt.</p> <p>Confidently plan and organise as a team (tactics)</p> <p>Ability to strategically Identify ways of using skills</p>		
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				<p>and tactics to affect performance.</p> <p>Ability to analyse strengths and weaknesses of an opponent and use to influence shot types.</p>		
Global Perspectives	<p><u>Human and Other Species</u></p> <p><i>Skills covered:</i> AO1: Research, analysis and evaluation AO2: Reflection AO3: Communication and collaboration</p> <p><i>Assessment points:</i> Presentation on the use of animals in different industries</p>	<p><u>Biodiversity and Ecosystem Loss</u></p> <p><i>Skills covered:</i> AO1: Research, analysis and evaluation AO2: Reflection AO3: Communication and collaboration</p> <p><i>Assessment points:</i> Produce a world map showing where these threatened species and others are located</p>	<p><u>Water, food and Agriculture</u></p> <p><i>Skills covered:</i> AO1: Research, analysis and evaluation AO2: Reflection AO3: Communication and collaboration</p> <p><i>Assessment points:</i> List of ways of how to save water Research a country to find out how much food is wasted</p>	<p><u>Tradition, Culture and Identity</u></p> <p><i>Skills covered:</i> AO1: Research, analysis and evaluation AO2: Reflection AO3: Communication and collaboration</p> <p><i>Assessment points:</i> Highlight the culture, customs and traditions of a particular country Survey the school to find out how many</p>	<p><u>Completion of Individual Coursework</u></p> <p><i>Skills covered:</i> AO1: Research, analysis and evaluation AO2: Reflection AO3: Communication and collaboration</p> <p><i>Assessment points:</i> Students to be able to devise their own research question Students to submit in their 1st attempt of</p>	<p><u>Sports And Recreation</u></p> <p><i>Skills covered:</i> AO1: Research, analysis and evaluation AO2: Reflection AO3: Communication and collaboration</p> <p><i>Assessment points:</i> Report on whether you think that sporting celebrities earn too much money</p>



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	<p><i>Leaflet on endangered species</i></p> <p><i>Presentation which campaigns the protection of animals</i></p>	<p><i>Class project on how to improve the world's ecosystem (school trip for beach cleaning)</i></p> <p><i>Report on what initiatives are being used in other countries</i></p>	<p><i>Presentation on how to promote healthy eating to young children (primary students?)</i></p>	<p><i>different nationalities there are and what customs people still celebrate</i></p> <p><i>Report on a diminishing culture and suggest ways of preserving others</i></p>	<p><i>coursework meeting the coursework criteria from the syllabus</i></p> <p><i>Complete Individual coursework</i></p>	<p><i>Report on whether sports is important in a school curriculum</i></p> <p><i>Present whether the Malaysian Government is doing enough to eliminate obesity</i></p>
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