Straits International School. Year 10 Long Term Plan

Subject	Autumn		Spring		Summer	
	1st half term	2nd half term	1st half term	2nd half term	1st half term	2nd half term
English	English Literature Assignment 1 War Poetry Explore the ways in which two poets communicate the theme of war **Skills covered**: **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	English Literature and Language Play study: Othello and Introduction to Language Paper (Q1a-f) **Skills covered: Reading and writing** **Skills covered**: **Reading** AO1: show detailed knowledge of the content of literary prose texts. AO2: understand the meanings of literary texts and their contexts, and explore texts beyond surface meaning to show deeper awareness	English Literature Assignment 2 Empathic Writing Students will show their knowledge of the play 'Othello' by writing creatively in role as one of the characters **Skills covered**: **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	English Language Reading Paper Students will have opportunities to redraft coursework pieces completed earlier in the year. We will also cover the skills needed for all questions of the iGCSE English Language reading paper. **Skills covered:** R1 demonstrate understanding of explicit meanings R2 demonstrate understanding of implicit meanings and attitudes R3 analyse, evaluate and develop facts, ideas and opinions.	English Language and Literature Poetry Study Study of half of the set poems by ted Hughes Introduction to the writing paper Students will study the first 8 poems from a selection by Ted Hughes that will be given to them by their teacher. They will use the ideas in the poems as stimuli for their own creative writing as they prepare for their English Language Writing paper.	English Language and Literature Poetry Study Study of half of the set poems by ted Hughes Introduction to the writing paper Students will study the first 8 poems from a selection by Ted Hughes that will be given to them by their teacher. They will use the ideas in the poems as stimuli for their own creative writing as they prepare for their English Language Writing paper.

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	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. **Assessment points:** Students will produce a piece of coursework of 800-1200 words based on analysis of two of the poems	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. **Skills covered**: **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	deeper awareness 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. **Assessment points:** Students will produce a piece of coursework of 800-1200 words based on a character's perspective of a key moment in the play	**Assessment points:** Students will complete iGCSE English language Reading style questions in timed conditions and a full reading paper.	**Skills covered**: **Reading** AO1: show detailed knowledge of the content of literary prose texts. 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 and shape meanings and effects AO4: communicate a sensitive and informed personal response to literary texts. **Skills covered**: **Writing**	**Skills covered**: **Reading** AO1: show detailed knowledge of the content of literary prose texts. 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 and shape meanings and effects AO4: communicate a sensitive and informed personal response to literary texts. **Skills covered**: **Writing**

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		W5 make accurate use of spelling, punctuation and grammar. **Assessment points:** Students will complete iGCSE English language Reading style questions in timed conditions and practice literature essays			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. **Assessment points:** Exam style essays and creative writing pieces	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. **Assessment points:** Exam style essays and creative writing pieces
Mathematics	<u>Approximations</u> **Skills covered:** • Rounding- to a decimal places or significant figure • Approximation and error • Upper bound and	<u>Ratio and proportion</u> **Skills covered:** •Ratio- •Proportion- • Direct proportion • Inverse proportion • Map scales and variation	<u>Expanding brackets and factoring</u> **Skills covered:** • Solving involving brackets • Inequality • factories	<u>Indices</u> **Skills covered:** • laws of indices • expressions involving indices **Assessment points:** past year questions	<u>Quadratic expressions and equations</u> **Skills covered:** • solving quadratic equations by • formula • completing the	<u>Probability</u> **Skills covered:** • mutually exclusive outcomes • independent events • conditional probability

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	lower bound • Estimating using approximations **Assessment points:** past year questions <u>Sets</u> **Skills covered:** • Set language • Venn diagrams • Listing sets • Other notation **Assessment points:** past year questions <u>Percentages</u> **Skills covered:** •General sales tax(GST) •Percentage change – profit and loss •Reverse percentage **Assessment points:** past year questions	**Assessment points:** past year questions <u>Collecting and presenting data</u> **Skills covered:** • Types of data • Data collection •Two-way tables • Frequency diagrams • histograms **Assessment points:** past year questions	**Assessment points:** past year questions <u>Formulae</u> **Skills covered:** • derive formulae • substitution • changing the subject of a formula **Assessment points:** past year questions <u>Further algebraic methods</u> **Skills covered:** •Algebraic fractions •equations **Assessment points:** past year questions	<u>Functions</u> **Skills covered:** • functions notation and mappings • inverse and composite functions **Assessment points:** past year questions	square **Assessment points:** past year questions <u>Pythagoras theorem and trigonometry</u> **Skills covered:** • Pythagoras theorem • trigonometry properties **Assessment points:** past year questions	**Assessment points:** past year questions <u>Linear graphs</u> **Skills covered:** • midpoint • equations of parallel lines • linear programming • different graphs **Assessment points:** past year questions

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Additional Mathematics	<u>Simultaneous Equation</u> **Skills covered:** • Linear equations in two unknowns • Nonlinear equations with two unknowns Assessment points: past year questions <u>Indices, surds and logarithms</u> **Skills covered:** • Exponential equations • Logarithms law • Solving problems **Assessment points:** past year questions <u>Quadratic expressions and equations</u> **Skills covered:** • Maximum and minimum value • Roots • Solving inequalities	<u>Remainder and factor theorems</u> **Skills covered:** • Polynomial identities • Remainder theorem • Factor theorem • Solving cubic **Assessment points:** past year questions <u>Coordinate geometry</u> **Skills covered:** • Distance and midpoint • Perpendicular lines and parallel lines(Equation) • Solving problems **Assessment points:** past year questions	<u>Linear law</u> **Skills covered:** • laws and properties Assessment points: past year questions <u>Functions</u> **Skills covered:** • Composite functions • Inverse functions • Absolute valued functions **Assessment points:** past year questions <u>Trigonometric functions</u> **Skills covered**: • Trigo ratios • Sine, cos and tan graphs **Assessment points:** past year questions	<u>Simple Trigonometric identities and equations</u> **Skills covered:** • simple identities • trigonometry equations and more graphs **Assessment points:** past year questions <u>Circular measure</u> **Skills covered:** • Radian measure • Arc length and area of a sector **Assessment points:** past year questions	<u>Permutations and combinations</u> **Skills covered:** • The basic counting principle • Permutations • combinations **Assessment points:** past year questions <u>Binomial theorem</u> **Skills covered:** • Binomial expansions **Assessment points:** past year questions	<u>Vectors</u> **Skills covered:** • Basic concepts • Non parallel vectors • Position vectors • Vectors in the Cartesian plane **Assessment points:** past year questions

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	Assessment points: past year questions					
Combined Sciences	**<u>C1 Atomic structure</u>** **Skills covered:** ● States of matter ● Evidence for particles ● History of the atom ● Atoms ● Chemical equations ● Atomic structure ● The arrangement of electrons in atoms ● Atoms and isotopes **Assessment points:** Past years question **Experiments:** ● cooling curve ● diffusion and smoke ring experiment	**<u>P1 Resultant forces</u>** **Skills covered:** ● Forces between objects ● Resultant force ● Force as a vector ● Mass and weight ● Forces and elasticity **Experiments:** ● Forces in balance ● Measuring weight ● Stretch tests **Assessment points:** Past years question **<u>P3 Forces and energy</u>**	**<u>B3 Human biology – Breathing</u>** ● **Specialised cells.** ● **Microscopy.** ● **Diffusion.** ● **Osmosis.** **Experiments:** **- Using microscopes** **- Demo diffusion** **- Osmosis of potatoes in different solutions** **Assessment points:** **Past paper exam questions** **<u>Enzymes</u>** **Skills covered:** ● Exchanging materials ● Breathing**Structure of enzymes.** ● **Lock and key theory.** ● **Effect of temperature** and gas**pH on enzyme activity.**	**<u>P5 General properties of waves</u>** **Skills covered:** ● The nature of waves ● Measuring waves ● Reflection and refraction ● Diffraction **Experiments:** ● Investigating wave using slinky spring ● Investigating wave using a ripple tank **Assessment points:** Past years question **<u>P6 Electromagnetic waves</u>**	**<u>B6 Nervous coordination and behavior</u>** **Skills covered:** ● Responding to change ● Reflex actions ● Animal behaviour ● Animal communications ● Reproductive behaviours ● Human use of animal behaviours **Experiments:** NA **Assessment points:** Past years question **<u>B7 Homeostasis</u>** **Skills covered:** ● Principles of homeostasis ● Controlling body temperature	**<u>Rates of reaction</u>** **Skills covered:** ● How fast? ● Collision theory and surface area ● The effects of temperature ● The effect of concentration or pressure ● The effect of catalysts **Experiments:** ● Measuring the decreasing mass ● Measuring the increasing volume ● Measuring the decreasing light passing through a solution ● The effect of surface area

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	C2 Structure and bonding Skills covered: ● Atoms into ions ● Ionic bonding ● Covalent bonding ● Bonding in metals ● Giant ionic structures ● Simple molecules ● Giant covalent structures ● Giant metallic structures ● Nanoscience **Experiments:** ● Growing silver crystal ● Electrical conductivity of salt, salt solution and ethanol **Assessment points:** Past years question **C3 The Periodic Table** **Skills covered:**	**Skills covered:** ● Energy and work ● Power ● Gravitational potential energy ● Conservation of energy ● Kinetic energy ● Useful energy ● Energy and efficiency **Experiments:** ● Doing work ● Investigating energy changes (pendulum) ● Investigating kinetic energy **Assessment points:** Past years question **P4 Energy resources** **Skills covered:** ● Energy demands	● ● Experiments: ● **- Effect of temperature on enzyme activity** ● ● Assessment points: ● **Past paper exam questions** ● ● Plant nutrition ● ● Skills covered: ● **Photosynthesis.** ● **Factors affecting the rate of photosynthesis.** ● **Structure of leaves.** ● **Gas** exchange in the lungs**plants.** ● Aerobic respiration ● The ● Experiments: ● **- Measuring the** effect of exercise**light intensity** on the body ● Anaerobic respiration **Experiments:** ● Lung model **Assessment points:**	**Skills covered:** ● The electromagnetic spectrum ● Light, infrared, microwaves, and radio waves ● Reflection of light ● Refraction of light ● Communications ● Ultraviolet rays, X-rays, and gamma rays ● X-rays in medicine **Experiments:** ● Reflection ● Refraction **Assessment points:** Past years question **P7 Sound** **Skills covered:** ● Sound ● More about sound **Experiments:**	● Controlling blood glucose ● Treating diabetes **Experiments:** NA **Assessment points:** Past years question **B8 Defending ourselves against disease** **Skills covered:** ● Pathogens and disease ● Defence mechanisms ● Immunity ● Using drugs to treat diseases ● Changing pathogens ● Growing and investigating bacteria Assessment points: Past paper exam questions **Experiments:** NA **Assessment points:** Past years question	● The effect of temperature ● The effect of concentration ● The effect of catalyst **Assessment points:** Past years question **P8 Kinetic theory** **Skills covered:** ● States of matter ● Specific heat capacity ● Change of state ● Specific latent heat **Experiments:** ● Measuring the specific heat capacity of a metal ● Measuring the melting point of a substance ● Measuring the specific latent heat of fusion of ice

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	• The Periodic Table • Group 1 - the alkali metals • The transition elements • Group 7 - the halogens • Explaining trends **Experiments:** • Group I metal • transition elements • displacement reactions **Assessment points:** Past years question **C8 Quantitative chemistry** Skills covered: • Chemical equations • Relative masses and moles • Percentages by mass and empirical formulae • Equations and calculations	• Energy from wind and water • Energy from the Sun and the Earth • Energy and the environment **Experiments:** • Model of energy changes **Assessment points:** Past years question **B1 Cell structure and organization division and differentiation** **Skills covered:** • Animal and plant cells • Eukaryotes and prokaryotes • Specialised cells • Tissues and organs • Organ systems • Diffusion • Osmosis • Active transport **Experiments:**	Past years question **B4 Human biology – Circulation** Skills covered • The circulatory system and the heart**rate of photosynthesis** • Blood vessels • Transport in the blood **Experiments:** • Heart dissection **Assessment points:** Past years question **B5 Human biology – Digestion** Assessment points: **Past paper exam questions** Particulate nature of matter Skills covered: • Carbohydrates, lipids and proteins	• Vibrations • Tuning forks **Assessment points:** Past years question	**Acids, bases, and salts** **Skills covered:** • Acids and alkalis • Making soluble salts from metals or insoluble bases • Making salts by neutralisation or precipitation **Experiments** • properties of acid and alkali • making a copper salt • making an insoluble salt (precipitation) **Assessment points:** Past years question **Chemical analysis** **Skills covered:** • Separating mixtures • Paper chromatography • Testing for gases	• Measuring the specific latent heat of vaporisation of water **Assessment points:** Past years question **P9 Energy transfer by heating** **Skills covered:** • Conduction • Convection • Evaporation and condensation • Infrared radiation • Surfaces and radiation • Energy transfer by design • Expansion by heat **Experiments:** • Investigating conduction and convection

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	● Titration ● Titration calculations **Experiments:** ● Molecular model ● titration **Assessment points:** Past years question **P2 Forces and motion** **Skills covered:** ● Speed ● Velocity and acceleration ● More about velocity – time graphs ● Using graphs ● Forces and acceleration ● Forces and braking **Experiments:** ● Investigating acceleration	● Microscope (Observing onion cell and Cheek cells) ● Osmosis in potato **B2 Cell division and differentiation** Characteristics of living organisms **Skills covered::** ● **Mrs GREN** Cell division, growth structure **of animal** and differentiation (Mitosis) ● Cell division in sexual reproduction (Meiosis) ● Stem **plant** cells. **Experiments:** NA **Assessment points:** Topical past year question **B9 Plant as organisms** Characteristics of living organisms	● Catalysts and enzymes ● Factors affecting enzyme action ● The digestive system ● Making digestion efficient ● Exchange in the gut **Experiments:** ● Food tests ● Effects of pH on enzymes' rate of reaction **Assessment points:** Past paper exam questions **Metals** **Skills covered:** ● Useful metals ● Iron and steels ● The reactivity series ● Displacement reactions ● Extracting metals ● Extracting copper ● Recycling metals ● Metal carbonates **Experiments:**		● Tests for positive ● Tests for negative ions **Experiments** ● crystallisation ● simple distillation ● paper chromatography ● tests for positive ions ● tests for negative ions **Assessment points:** Past years question	● Cooling by evaporation ● Detecting infrared radiation ● Testing radiation from different surfaces ● Thermal expansion **Assessment points:** Past years question **B10 Variation and inheritance** Skills covered ● Inheritance ● Types of reproduction ● Causes of variation ● From Mendel to modern genetics ● Inheritance in action ● DNA and family trees ● Inherited conditions in humans **Experiments:** NA

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	• Investigating force and acceleration **Assessment points:** Past years question**Introduction to the atom. Diffusion.** Assessment points: **Past paper exam questions** <u>Experimental techniques</u> Skills covered: • **Experimental design.** • **Paper chromatography.** • **Testing purity.** • **Filtration.** • **Evaporation.** • **Crystalisation.** • **Distillation.** • **Fractional distillation.** Experiments: **- Filtration** **- Distillation**	**Skills covered:** • Photosynthesis • Limiting factors • How plants use glucose • Transport systems in plants **Experiments:** • Rate of photosynthesis • Starch test on leaves **Assessment points:** Topical past year question	• Reduction of iron (III) oxide • Displacing a metal from solution • Metal carbonates **Assessment points:** Past years question **<u>Electrolysis</u>** **Skills covered:** • Electrolysis • Changes as the electrodes • Extraction of aluminium • Electrolysis of brine and copper sulphate solution • Electroplating • Electrolysing copper sulphate solution **Experiments:** • electrolysis of brine • electroplating			**Assessment points:** Past years question

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	- Fractional distillation demo **- Paper chromatography** Assessment points: **Past paper exam questions**		● electrolysis of copper sulphate solutions **Assessment points:** Past years question			
AQA Biology	<u>Cell Structure and Organisation</u> **Skills covered:** ● World of microscope ● Animal and plant cells ● Eukaryotic and prokaryotic cells ● Specialised cells ● Cell organisation ● Diffusion ● Osmosis ● Active transport **Experiments:** - Microscope (Observing onion cell and Cheek cells) - Osmosis in potato Assessment points:	<u>Human biology- Digestion</u> **Skills covered:** ● Carbohydrates, lipids and proteins ● Catalysts and enzymes ● Factors affecting enzyme action ● The digestive system ● Uses of enzymes **Experiments:** -Food tests -Effects of pH on enzymes' rate of reaction **Assessment points:** Past years question	<u>Human biology- Circulation</u> **Skills covered:** ● Circulatory system ● Blood, blood vessels ● Helping the heart ● Immune system and blood groups **Experiments:** -*Heart dissection **Assessment points:** Past years question <u>Nervous coordination and behaviour</u> Skills covered: ● Responding to	<u>Homeostasis</u> **Skills covered:** ● Principles of homeostasis ● Removing waste products ● The human kidney ● Controlling body temperature ● Controlling blood glucose ● Treating diabetes **Experiments:** None Assessment points: **Past years question** <u>Defending ourselves against disease</u>	<u>Plants as organisms</u> **Skills covered:** ● Photosynthesis ● Limiting factors ● How plants use glucose ● Exchange in plants ● Evaporation and transpiration ● Transport system in plants **Experiments:** -Celery/ cabbage experiment -Xylem (slide-making)	<u>Variation and inheritance</u> **Skills covered:** ● Photosynthesis ● Limiting factors ● How plants use glucose ● Exchange in plants ● Evaporation and transpiration ● Transport system in plants **Experiments:** None **Assessment points:** Past years question

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	Past years question <u>Human biology- Breathing</u> Skills covered: • Exchanging materials • Breathing and gas exchange in lungs • Artificial breathing aids • Aerobic/ Anaerobic respiration • Effect of exercise on the body **Experiments:** -Spirometer investigation		change • Reflex actions • Animal behaviours • Animal communications • Reproductive behaviours • Human use of animal behaviours **Experiments:** None **Assessment points:** Past years question	Skills covered: • Pathogens and disease • Defence mechanisms • Immunity • Using drugs to treat disease • Changing pathogens **Experiments:** - Growing and investigating bacteria **Assessment points:** Past years question	**-Testing for starch in leaves** **-Stomata (slide making)** **Assessment points:** Past years question <u>Cell Division and Differentiation</u> **Skills covered:** • Cell division • Growth and differentiation • Stem cells • Cell growth and cancer **Experiments:** -Onion root tip (Observing mitosis phases) **Assessment points:** Past years questions	

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AQA Physics	**Resultant forces** **Skills covered:** ● Forces between objects ● Resultant force ● Force as a vector ● Mass and weight ● Forces and elasticity **Experiments:** ● Forces in balance ● Measuring weight ● Stretch tests **Assessment points:** Past years question **Forces and motion** **Skills covered:** ● Speed ● Velocity and acceleration	**Moments** **Skills covered:** ● Centre of mass ● Moments at work ● Moments in balance ● Stability **Experiments:** ● A centre of mass test ● Investigating the turning effect of a force ● Measuring the weight of a beam ● Tilting and toppling tests **Assessment points:** Past years question **Forces and energy** **Skills covered:** ● Energy and work ● Power	**General properties of waves** **Skills covered:** ● The nature of waves ● Measuring waves ● Reflection and refraction ● Diffraction **Experiments:** ● Investigating wave using slinky spring ● Investigating wave using a ripple tank **Assessment points:** Past years question **Electromagnetic waves** **Skills covered:** The electromagnetic spectrum	**Reflection and refraction of light** **Skills covered:** ● Reflection of light ● Refraction of light ● Refractive index ● Total internal reflection **Experiments:** ● Reflection of light ● Refraction of light ● Total internal reflection **Assessment points:** Past years question **Lenses and the eye** **Skills covered:** ● Lenses ● Using lenses ● The eye ● More about the eye	**Energy transfer by heating** **Skills covered:** ● Conduction ● Convection ● Evaporation and condensation ● Infrared radiation ● Surfaces and radiation ● Energy transfer by design ● Expansion by heat **Experiments:** ● Investigating conduction and convection ● Cooling by evaporation ● Detecting infrared radiation ● Testing radiation from different surfaces ● Thermal expansion	**Motors, generators, and transformers** **Skills covered:** ● Magnetic fields ● Electromagnets ● The motor effect ● The generator effect ● Alternators and dynamos ● Transformers ● Transformers in action **Experiments:** ● Investigating bar magnet and its magnetic field ● Investigating the strength of an electromagnet ● Investigating the motor and generator effect ● Make a model transformer **Assessment points:** Past years question

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	• More about velocity – time graphs • Using graphs • Forces and acceleration • Forces and braking • Forces and terminal velocity **Experiments:** • Investigating acceleration • Investigating force and acceleration **Assessment points:** Past years question **<u>Momentum and forces</u>** **Skills covered:** • Momentum • Explosions • Impact forces • Safety first	• Gravitational potential energy • Conservation of energy • Kinetic energy • Useful energy • Energy and efficiency **Experiments:** • Doing work • Investigating energy changes (pendulum) • Investigating kinetic energy **Assessment points:** Past years question **<u>Energy resources</u>** **Skills covered:** • Energy demands • Energy from wind and water • Energy from the Sun and the Earth	• Light, infrared, microwaves, and radio waves • Communications • Ultraviolet rays, X-rays, and gamma rays • X-rays in medicine **Experiments: N/A** **Assessment points:** Past years question **<u>Sound and ultrasounds</u>** **Skills covered:** • Sound • More about sound • Ultrasound **Experiments:** • Vibrations • Tuning forks • Investigating the speed of sound **Assessment points:**	**Experiments** • Converging lens • Find the focal length of a lens **Assessment points:** Past years question **<u>Kinetic theory</u>** **Skills covered:** • States of matter • Specific heat capacity • Change of state • Specific latent heat **Experiments:** • Measuring the specific heat capacity of a metal • Measuring the melting point of a substance • Measuring the specific latent heat of fusion of ice	**Assessment points:** Past years question **<u>Electricity</u>** **Skills covered:** • Electrical charges • Electrical circuit • Potential difference and resistance • Component characteristics • Series circuit • Parallel circuits • Sensor circuits **Experiments:** • Investigating electrical charges • Investigating the resistance of a wire • Investigating series and parallel circuits • Investigating a light sensor **Assessment points:**	**<u>Household electricity</u>** **Skills covered:** • Alternating currents • Cables and plugs • Fuses • Electrical power and potential difference • Electrical energy and charge • Using electrical energy • Electrical issues **Experiments:** • Cables and plugs • Changing a fuse **Assessment points:** Past years question

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	Experiments: ● Investigating a controlled explosion ● Investigating impacts **Assessment points:** Past years question	● Energy and the environment **Experiments:** ● Model of energy changes **Assessment points:** Past years question	Past years question	● Measuring the specific latent heat of vaporisation of water **Assessment points:** Past years question	Past years question	
AQA Chemistry	**<u>Atomic structure</u>** **Skills covered:** ● States of matter ● Evidence for particles ● History of the atom ● Atoms ● Atomic structure ● The arrangement of electrons in atoms ● Atoms and isotopes **Experiments:** ● cooling curve	**<u>The Periodic Table</u>** **Skills covered:** ● The Periodic Table ● Group 1 - the alkali metals ● The transition elements ● Group 7 - the halogens ● Explaining trends **Experiments:** ● Group I metal ● transition elements ● displacement reactions	**<u>Metals</u>** **Skills covered:** ● Useful metals ● Iron and steels ● The reactivity series ● Displacement reactions ● Metal carbonates **Experiments:** ● Reduction of iron (III) oxide ● Displacing a metal from solution	**<u>Acids, bases, and salts</u>** **Skills covered:** ● Acids and alkalis ● Making soluble salts from metals or insoluble bases ● Making salts by neutralisation or precipitation **Experiments** ● properties of acid and alkali ● making a copper salt ● making an insoluble salt	**<u>Energy changes in chemical reactions</u>** **Skills covered:** ● Exothermic and endothermic reactions ● Using energy transfers from reactions ● Energy and reversible reactions ● Comparing the energy released by fuels ● Energy transfer in solutions	**<u>Carbon compounds as fuels</u>** **Skills covered:** ● Hydrocarbons ● Fractional distillation of crude oil ● Burning fuels ● Alternating fuels **Experiments: NA** **Assessment points:** Past years question **<u>Other products from crude oil</u>**

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	• diffusion and smoke ring experiment **Assessment points:** Past years question **<u>Structure and bonding</u>** Skills covered: • Atoms into ions • Ionic bonding • Covalent bonding • Bonding in metals • Giant ionic structures • Simple molecules • Giant covalent structures • Giant metallic structures • Nanoscience **Experiments:** • Growing silver crystal • Electrical conductivity of salt, salt solution and ethanol	**Assessment points:** Past years question **<u>Quantitative chemistry</u>** Skills covered: • Chemical equations • Relative masses and moles • Percentages by mass and empirical formulae • Equations and calculations • The yield of a chemical reaction • Titration • Titration calculations • Volumes of gases **Experiments:** • Molecular model • titration **Assessment points:** Past years question	• Metal carbonates **Assessment points:** Past years question **<u>Electrolysis</u>** **Skills covered:** • Electrolysis • Changes as the electrodes • Extraction of aluminium • Electrolysis of brine and copper sulfate solution • Electroplating • Electrolysing copper sulfate solution **Experiments:** • electrolysis of brine • electroplating • electrolysis of copper sulfate solutions **Assessment points:** Past years question	(precipitation) **Assessment points:** Past years question **<u>Rates of reaction</u>** **Skills covered:** • How fast? • Collision theory and surface area • The effects of temperature • The effect of concentration or pressure • The effect of catalysts **Experiments:** • Measuring the decreasing mass • Measuring the increasing volume • Measuring the decreasing light passing through a solution • The effect of surface area	• Energy level diagrams • Bond dissociation energy calculations • Chemical cells and batteries • Fuel cells **Assessment points:** Past years question **Experiments:** • exothermic and endothermic reactions • energy changes in a reversible reaction • chemical cell **<u>Extent of reaction</u>** **Skills covered:** • Reversible reactions • Chemical equilibrium • Altering conditions	**Skills covered:** • Cracking hydrocarbons • Making polymers from alkenes • The properties of polymers • New and useful polymers • Plastic waste **Experiments** • Chemical test for alkenes • Modifying a polymer **Assessment points:** Past years question

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	Assessment points: Past years question			● The effect of temperature ● The effect of concentration ● The effect of catalyst **Assessment points:** Past years question	● Making ammonia – the Haber process ● The economics of the Haber process ● The Contact process **Experiments:** ● Changing colour ● Heating ammonium chloride ● Changing pressure and temperature **Assessment points:** Past years question	
Chinese as a First Language	<u>Social relationship</u> **Skill covered:** · Read and understand comprehension. · To think about relationship between family and friends. · Learning narrative writing. · Understand Classical Chinese	<u>Hometown</u> **Skill covered:** · To think about the importance of 'home' · Learning descriptive writing · Exercise on Classical Chinese	<u>Historical and heroic figures</u> **Skill covered:** · To discuss about the influences of the heroes to the society. · Learning argumentative writing · Understand Classical Chinese	<u>Nature landscape</u> **Skill covered:** · To learn descriptive writing about nature · Multi-ankle writing · Exercise on Classical Chinese	<u>Virtues and attitudes to studying</u> **Skill covered:** · Deep thinking on the value of live · Speaking · To write a letter **Assessment points:** · Speak about good virtues. Write about school	<u>Chinese philosophers</u> **Skill covered:** · Reading and discuss Classical literature · Argumentative writing · To practise on past year questions

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	Assessment points: · To complete narrative writing about family members · To translate Classical Chinese	**Assessment points:** · Descriptive writing about hometown and complete Classical Chinese exercises	**Assessment points:** · Essay writing about historical building · Speak about familiar heroes	**Assessment points:** · Descriptive writing about nature · Complete exercises in chapter 4		**Assessment points:** · Understand the classical literature and complete Pass year questions
Chinese as a second language	<u>Chinese Name, China heritage</u> **Skills covered:** Listening Speaking Reading Writing **Assessment points:** Letter writing about introduce the origin of Chinese name Speaking: Introduce a Chinese heritage Comprehension about the topic	<u>Friendship</u> **Skills covered:** Listening Speaking Reading Writing **Assessment points**: Speak about the different types of friend Descriptive writing about your friend Comprehension and opinion writing about how to make a good friend	<u>Season, Personality</u> **Skills covered:** Listening Speaking Reading Writing **Assessment points:** Feeling sharing about four seasons People descriptive task Speaking to introduce your feeling and place	<u>Chinese culture</u> **Skills covered:** Listening Speaking Reading Writing **Assessment points:** Share a Chinese culture Write the meaning to each Chinese culture Comprehension about Chinese culture	<u>Compare Western and Chinese culture</u> **Skills covered:** Listening Speaking Reading Writing **Assessment points:** Listening test Sharing Western culture Writing about compare Western and China culture	<u>Food</u> **Skills covered:** Listening Speaking Reading Writing **Assessment points:** Create restaurant menu Sharing the ingredient of food Write the essay about how to have healthy food
Foreign Language Mandarin	<u>Write a short text about Stationery</u>	<u>Gifts</u> **Skill Covered:** Speaking	<u>Role play speaking practical</u>	<u>Home</u> **Skill Covered:** Speaking	<u>Life at home</u> <u>Daily routine</u>	<u>Asking the question</u> **Skil Covered:** Speaking

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	Skill Covered: Speaking Listening Reading Writing **Assessment Points:** Identify the stationery through labelling stationery Write a short text on "My stationery"	Listening Reading Writing **Assessment Points:** Identify the gifts through labelling stationery Project based learning(design a creative gift)	**Skill Covered:** Speaking Listening Reading Writing **Assessment Points:** IGCSE speaking Paper 3 (role play cards) IGCSE Listening paper 1	Listening Reading Writing **Assessment Points:** IGCSE speaking Paper 3 (role play cards) IGCSE paper 2 Reading Comprehension	**Skill Covered:** Speaking Listening Reading Writing **Assessment Points** IGCSE paper 2 Reading Comprehension IGCSE paper 4	Listening Reading Writing **Assessment Points:** IGCSE paper 2 Reading Comprehension IGCSE paper 4
Bahasa Malaysia	<u>PROSPEROUS OVER THE AGE</u> **Skills covered:** Speaking Listening Reading Writing Presentation **Assessment points:** Reading and directed writing Section 1 & 2	<u>SPEND MONEY WISELY</u> **Skills covered:** Speaking Listening Reading Writing Presentation **Assessment points:** Reading and directed writing Section 3	<u>EVERLASTING ALAM SEKITAR</u> **Skills covered:** Speaking Listening Reading Writing Presentation **Assessment points:** Writing, Section 1 & 2	<u>CURRENT EDUCATION</u> **Skills covered:** Speaking Listening Reading Writing Presentation **Assessment points:** Writing Section 3 (select 1 out of 3 essay questions)	<u>CHILDREN'S MENTAL WELLNESS</u> **Skills covered:** Speaking Listening Reading Writing Presentation **Assessment points:** Writing Section 3 (select 1 of of 3 essay question)	<u>TEKNOLOGI MAKLUMAT</u> **Skills covered:** Speaking Listening Reading Writing Presentation **Assessment points:** Kertas 4 (Format IGCSE)

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History	Core KQ1:The Treaty of Versailles **Skills covered:** AO1: Organise and deploy knowledge AO2: Construct historical explanations AO3: Source Analysis **Assessment points:** Practice describe (4 mark) and explain (6 mark) questions about the Treaty negotiations (Paper 1) Practice source questions about the fairness of the Treaty End of unit assessment with Paper 1 skills (4 mark, 6 mark) & Paper 2 skills (3 source questions)	Core KQ2: The League of Nations & KQ3:Breakdown of International Peace **Skills covered:** AO1: Organise and deploy knowledge AO2: Construct historical explanations **Assessment points:** source comparison question about the successes of the League 10 mark essay about the successes and failures of the League End of unit assessment with mostly Paper 1 skills (4 mark, 6 mark, 10 mark essay) & Paper 2 skill (source comparison question)	Core KQ4: Origins of the Cold War **Skills covered:** AO1: Select, organise and deploy knowledge AO2: Construct historical explanations **Assessment points:** 6 mark questions about the breakdown of the alliance and Potsdam 10 mark essay writing based on the topic of who was to blame End of unit assessment with mostly Paper 1 skills (4 mark, 6 mark, 10 mark essay)	Core KQ5: American Containment during the Cold War Part 1 **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 12 mark source essay from Paper 2 End of unit assessment with mostly Paper 1 skills (4 mark, 6 mark, 10 mark essay) & Paper 2 source skills	Core KQ5: American Containment during the Cold War Part 2 **Skills covered:** AO1: Select, organise and deploy knowledge AO3: Source Analysis **Assessment points:** What is the message of this source about the American build-up in Vietnam 12 mark source essay based on the My Lai massacre End of unit assessment with mostly Paper 2 skills (2 source questions & 12 mark source essay)	Core KQ6: USSR Control of Eastern Europe 1948-89 **Skills covered:** AO1: Select, organise and deploy knowledge AO2: Construct historical explanations **Assessment points:** 6 mark questions explaining the causes of Hungary 1956 10 mark essay with a comparison of Hungary 1956 and Prague 1968 End of unit assessment with a mixture of Paper 1 and Paper 2 skills
Geography	Tectonics and Rivers	Coasts, Weather & Weathering	Climate , Vegetation & Agriculture	Industry & Development	Industry & Water, Environmental Impacts of Industry	IGCSE Revision

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	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 **Assessment points:** Complete IGCSE long answer question & peer & teacher assess Complete quiz of IGCSE questions and review MS Past Paper IGCSE Assessment	**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 **Assessment points:** Complete IGCSE long answer question & peer & teacher assess Complete quiz of IGCSE questions and review MS Past Paper IGCSE Assessment	**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 **Assessment points:** Complete IGCSE long answer question & peer & teacher assess Complete quiz of IGCSE questions and review MS Past Paper IGCSE Assessment	**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 **Assessment points:** Complete IGCSE long answer question & peer & teacher assess Complete quiz of IGCSE questions and review MS Past Paper IGCSE Assessment	**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 **Assessment points:** Complete IGCSE long answer question & peer & teacher assess Complete quiz of IGCSE questions and review MS Past Paper IGCSE Assessment	**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 **Assessment points:** Complete IGCSE long answer question & peer & teacher assess Complete quiz of IGCSE questions and review MS Past Paper IGCSE Assessment

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Business	Understanding Business Activity: Business Activity, Classification Of Businesses And Enterprise, Business Growth And Size **Skills covered:** AO1: Knowledge And Understanding **Assessment points:** Students to match a list of companies to its business classification Complete a list of industries and match it to its type of production 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.	Understanding Business Activity: Types of Business Organisations, Business Objectives And Stakeholder Objectives, Internal And External Communication **Skills covered:** AO1: Knowledge And Understanding **Assessment points:** Students write a list of company objectives for Non-profit organisations, private and public enterprises Mixture of Past Paper 1 and 2 exam questions, for example: Outline two features of an effective communication system in a business.	Marketing: Marketing Competition And The Consumer, Market Research **Skills covered:** AO1: Knowledge And Understanding AO2: Application AO3: Analysis **Assessment points:** Produce findings on a research topic about how to improve the school Compare the competition against Straits school, highlighting the main features Mixture of Past Paper 1 and 2 exam questions, for example: Explain the marketing opportunities that the internet has created for many businesses.	Marketing: Marketing Mix and Marketing Strategies **Skills covered:** AO1: Knowledge And Understanding **Assessment points:** Presentation of a company and its use of the marketing mix Presentation of a new product which the students have made. 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.	Financial Information and Decisions: Business Finance: Needs and Sources, Break Even Analysis and Cash Flow Forecasts And Working Capital **Skills covered:** AO1: Knowledge And Understanding AO2: Application AO3: Analysis **Assessment points:** Produce a break even chart using a formula and table from given information Produce a cash flow forecast from given information Mixture of Past Paper 1 and 2 exam questions, for example: Identify and explain two possible causes of his cash flow problem.	Financial Information and Decisions: Income Statements - Profit and Loss Accounts, Balance Sheets and Analysis Of Accounts **Skills covered:** AO1: Knowledge And Understanding AO2: Application AO3: Analysis **Assessment points:** Produce a profit and loss account from given information Produce a balance sheet from given information Mixture of Past Paper 1 and 2 exam questions, for example: Calculate the gross profit and net profit margin from given information.

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ICT	<u>Document Production, Input and Output Devices, File Management, Proofing, Images</u> **Skills taught:** AO1 Recall, select and communicate knowledge and understanding of ICT AO2 Apply knowledge, understanding and skills to produce ICT-based solutions **Assessment points:** 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 manufacturing plant. Complete the following skills…	<u>Types and Components of Computer Systems</u> **Skills taught:** AO1 Recall, select and communicate knowledge and understanding of ICT **Assessment points:** PT1: Identify a list of computer components and software PT2: Students are able to explain the impact of emerging technologies MT: Complete the following skills… 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.	<u>Networks and the effects of using them, The effects of using IT</u> **Skills taught:** AO1 Recall, select and communicate knowledge and understanding of ICT **Assessment points:** 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.	<u>Presentations, Styles, Storage Devices and Media, Proofing</u> **Skills taught:** AO1 Recall, select and communicate knowledge and understanding of ICT AO2 Apply knowledge, understanding and skills to produce ICT-based solutions **Assessment points:** 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.	<u>Data Manipulation, Proofing</u> **Skills taught:** AO1 Recall, select and communicate knowledge and understanding of ICT AO2 Apply knowledge, understanding and skills to produce ICT-based solutions **Assessment points:** 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. Using a suitable database package, import the file SCA5MOB.CSV Complete the following skills…	<u>Data Analysis, Layout, Graphs and Charts, Proofing</u> **Skills Taught:** AO1 Recall, select and communicate knowledge and understanding of ICT AO2 Apply knowledge, understanding and skills to produce ICT-based solutions **Assessment points:** 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. Your manager has asked you to calculate the value of current orders.

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						Complete the following skills…
Art	Artwork making process (drawing&painting) use iGCSE exam paper 1 sample **Skills covered:** Skill Drawing, shading. Proportion Composition **Assessment points:** produce a piece of artwork based on the artist reference Artist reference Paul Klee, Rembrandt	Artwork making process (drawing&painting) use iGCSE exam paper 1 sample **Skills covered:** Skill Drawing, shading. Proportion Composition perspective **Assessment points:** produce a piece of artwork based on the artist reference Artist reference Le Corbusier	Artwork making process use iGCSE exam paper 2 sample **Skills covered**: Design techniques idea development observational drawing rendering and shading techniques **Assessment points:** produce a piece of artwork based on the artist reference Artist reference Karim Rashid	Artwork making process use iGCSE exam paper 2 sample **Skills covered:** media and materials exploration idea composition artist reference imitation and research . **Assessment points:** produce a piece of artwork based on the artist reference Artist reference Karim Rashid	Artwork making process use iGCSE exam paper 4 sample **Skills covered:** coursework study topic and theme research idea development and brainstorming observational drawing **Assessment points:** produce a piece of artwork based on the artist reference Artist reference Louise De Masi	Artwork making process use iGCSE exam paper 4 sample **Skills covered:** Secondary idea development painting / mix media artwork composition final artwork making process **Assessment points:** produce a piece of artwork based on the artist reference Artist reference Louise De Masi
Music	Introduction to Musical Form **Skills covered:** Performing Reviewing	Baroque, Classical and Romantic with composition **Skills covered:** Listening	Romantic Period **Skills covered:** Listening Composing Reviewing	20th Century **Skills covered:** Lisyeninh Composing Reviewing	World Music **Skills covered:** Listening Reviewing	Composition 1 **Skills covered:** Composing Reviewing

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	Composing **Assessment points:** General theory assessment	Composing Reviewing **Assessment points:** Minuet composition	**Assessment points**: Minimalism composition Listening Test	**Assessment points:** Complete iGCSE Listening Test	**Assessment points:** Mid-point exam questions	**Assessment points:** Ternary structure composition with key changes
Islamic Studies	<u>Tawheed</u> Believe that Allah is One, Supreme and nothing is like Him. The 20 essential attributes of Allah. Learn attributes 11-15. <u>Surah Al-Ikhlas</u> The meaning of the surah. Recite and write Verse 3 – Verse 4. <u>Ar-Risalah (The Prophets)</u> The names of 25 prophets and their related stories. Prophet Ezekiel – Prophet Elisha.	<u>Taharah</u> The importance of cleanliness in Islam – other basic taharah. Cleanliness of the food and drink that we consume daily. <u>Surah An-Nas</u> The meaning of the surah and why it is very important to understand the meaning. Learn how to recite the surah using proper tajweed.	<u>Surah Al-Zalzalah</u> Verse 7 – verse 8 (Revise Verses 1-6) <u>Performing Salah</u> The importance of Salah in Islam and how salah affects the life of Muslims.	<u>Ramadhan Al Mubarak</u> The importance of this special holy month to Muslims. <u>Fasting</u> Performing Tarawih and its niyah.	<u>Lying, gossiping & backbiting</u> 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. What impacts and effects these habits may have upon families and relatives? <u>Zakah</u> The importance of zakah and how it helps the poor and the needy to lead life and how it helps the rich to be	<u>Haj</u> One of the five pillars of Islam – why it is very important to every Muslims –all rituals during haj. <u>Prophet Adam as</u> To re-visit how Allah swt created the first man and how he was sent down to the Earth from the Paradise. <u>Prophet Ibraaheem as</u> How haj is related to Prophet Ibraheem a.s.

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	Skills covered: Thinking, reading, writing, listening , speaking **Assessment points:** 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.	**Skills covered:** Thinking, reading, writing, listening , speaking **Assessment points:** 1. Reading text and answers questions on Taharah. 2. Reading text and answers questions on Taharah – halal food that we eat.	**Skills covered:** Thinking, reading, writing, listening , speaking **Assessment points:** 1. Reading text and answers questions on Here-after. 2. Reading text and answers questions on the importance of Salah.	**Skills covered:** Thinking, reading, writing, listening , speaking **Assessment points:** 1. Reading text and answers questions on Ramadhan. 2. Reading text and answers questions on performing Tarawih prayers.	thankful to Allah swt. **Skills covered:** Thinking, reading, writing, listening , speaking **Assessment points:** 1. Reading text and answers questions on Lying, gossiping, backbiting. 2. Reading text and answers questions on Zakah.	**Skills covered:** Thinking, reading, writing, listening , speaking **Assessment points:** 1. Reading text and answers questions on Haj. 2. Reading text and answers questions on Prophets Adam and Ibraaheem.
PE **(Once weekly Physical Education for all students)**	**Invasion Games** Football **Skills covered:** **Competition / Match Play Development** .	**Fitness & Athletics** **Skills covered:** **Development of fitness Components of:** Warm ups.	**Aquatics** **Swimming** **Skills covered:** **Level D4 Development** Body Rotations Sculling proficiency	**Invasion Games** Basketball / Netball **Skills covered:** **Competition / Match Play Development**	**Dance & Gymnastics** **Skills covered:** **Development of:** Jumping/ Bouncing Turns Action Sequences Movement	**Striking and Fielding** Cricket / Rounders **Skills covered:** **Competition / Match Play Development**

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	Tactics of defending and attacking. Decision making. Spatial awareness. Tactical Analysis Games. **Assessment points:** Mastery of the range of skills learnt. Confidently plan and organise as a team (tactics) Ability to strategically Identify ways of using skills and tactics to affect performance. Ability to analyse strengths and weaknesses of an opponent and use to influence play.	Components of fitness (fitness testing). Methods of training (fartlek, continuous interval, flexibility, circuit). **Assessment points:** Improved test results from beginning and start of unit. Understand what types of training are suited to specific sports.	50m freestyle 50m Backstroke Safe turns. Perform a dive. **Assessment points:** Demonstrate body rotations. Consistently demonstrate correct technique for 50m Freestyle. Consistently demonstrate correct technique for 50m Backstroke. Ability to perform a range of dives. .	Attack and defence, positional awareness. Dribbling, beating an opponent. Decision making. Tactical Analysis Games. **Assessment points:** Mastery of the range of skills learnt. Confidently plan and organise as a team (tactics) Ability to strategically Identify ways of using skills and tactics to affect performance. Ability to analyse strengths and weaknesses of an opponent and use to influence play. **<u>Net / Wall Games</u>**	Tension **Assessment points:** Demonstrate the range of skills learnt with some level of confidence, accuracy and precision Ability to perform gymnastic movements with control, fluency and accuracy and tension Is aware of own safety and that of others at all times, can lift carry and place mats safely .	Catching. Fielding. Bowling. Batting. Decision making. Tactical Analysis Games. **Assessment points:** Mastery of the range of skills learnt. Confidently plan and organise as a team (tactics) Ability to strategically Identify ways of using skills and tactics to affect performance. Ability to analyse strengths and weaknesses of an opponent and use to influence matches.

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				<u>Badminton / Volleyball</u> **Skills covered: Competition / Match Play Development** Serve Range of shots Decision making. Tactical Analysis Games **Assessment points:** Mastery of the range of skills learnt. Confidently plan and organise as a team (tactics) Ability to strategically Identify ways of using skills and tactics to affect performance. Ability to analyse strengths and		

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				weaknesses of an opponent and use to influence shot types		
IGCSE PE	<u>Unit 1 - Anatomy and Physiology - Chapter 1 - 5</u> **Skills covered:** **AO1** Demonstrate knowledge and understanding of the theoretical principles that underpin performance in physical activity / sport. **AO2** Apply knowledge and understanding of the theoretical principles to a variety of physical activities / sports, including the	<u>Coursework - Practical Element</u> **Skills covered:** **AO3** Demonstrate the ability to select and perform appropriate skills to produce effective performance in practical activities **Assessment points:** Filmed practical element assessed against cambridge coursework guidelines.	<u>Unit 2 - Health Fitness and Training - Chapter 6 & 7</u> **Skills covered:** **AO1** Demonstrate knowledge and understanding of the theoretical principles that underpin performance in physical activity / sport. **AO2** Apply knowledge and understanding of the theoretical principles to a variety of physical activities / sports,	<u>Coursework - Practical Element</u> **Skills covered:** **AO3** Demonstrate the ability to select and perform appropriate skills to produce effective performance in practical activities **Assessment points:** Filmed practical element assessed against cambridge coursework guidelines.	<u>Unit 3 - Skill Acquisition - Chapter 8 & 9</u> **Skills covered:** **AO1** Demonstrate knowledge and understanding of the theoretical principles that underpin performance in physical activity / sport. **AO2** Apply knowledge and understanding of the theoretical principles to a variety of physical activities / sports,	<u>Coursework - Practical Element</u> **Skills covered:** **AO3** Demonstrate the ability to select and perform appropriate skills to produce effective performance in practical activities **Assessment points:** Filmed practical element assessed against cambridge coursework guidelines.

	analysis and evaluation of performance **Assessment points:** Complete IGCSE example questions Assess Sample Answers using MS Past Paper IGCSE Assessment		including the analysis and evaluation of performance **Assessment points:** Complete IGCSE example questions Assess Sample Answers using MS Past Paper IGCSE Assessment		including the analysis and evaluation of performance **Assessment points:** Complete IGCSE example questions Assess Sample Answers using MS Past Paper IGCSE Assessment	