






Subject	Topic	Syllabus Outline
	An Account, An Essay & Research	Imaginative account. On the inventions of the 20th & 21st centuries. Arguments for and against modern inventions.
	A Story	Independent writing using expressions. About a human being saved by a bond with an animal.
	An Account, Story	Text-based and student's own opinion account of the mystery. Imaginative story about someone or something which is missing.
	Letter, Online Advice & Debating	On what makes a perfect world. Advice to a troubled text character. About a place remembered from childhood – real or imaginary.
	Account, Opinions & Story	Text-based newspaper account from a passenger's point of view. With stimulus minitext on moral standards. On the effects of development and tourism on communities. Opinions of 6 people on whether development is a 'scourge'. Involving 5 given ingredients.
	Comparisons, Story & Description	Text-based adult & childish behaviour. Seven subheadings in newspaper style. Narrating a story about tasting a new food. About tasting unfamiliar food, true or fictional. Of a food custom in family or community.
	Description	Descriptive paragraph. Comparing the lives and conditions of people in 2 texts. Of a place where you feel you do or do not belong.
	Essay	Of a place where you feel you do or do not belong. On issues around money and happiness. Entitled Money using prompts. Letter stimulus for discussion on the effects of sudden extreme wealth.
	Poetry, Tabulating & Diary Entry	Tabulating comparisons; Qs on comparisons & detail. With prompts to widen discussion: how a text character will cope with her new surroundings. For someone's first day at a new school.
	Opinion Piece	How important is it to have 'big dreams'. On the future of space travel & of astronaut's aspirations. Comparing text-based achievements. About what makes a 'global icon' – text as stimulus. About someone whose achievement fits one of the mottos discussed.
Grammar		
Relative Clauses	relative clauses with who, which and that the relative pronoun as object prepositions in relative clauses relative structures with whose, what and it the use of relative clauses relative pronouns and relative adverbs relative clauses: participle and to-infinitive	
Infinitive & the -ing Form	verb + to-infinitive verb + ing-form verb + to-infinitive or verb + ing-form verb + object + to-infinitive or ing-form question word + to-infinitive adjective + to-infinitive for with the to-infinitive the infinitive with and without to verb/Adjective + preposition + ing-form preposition or linking word + ing-form	
Linking Words	but, although and in spite of to, in order to, so that and for review of linking words links across sentences	
Conditionals & Wish	conditionals if, when, unless and in case	

		wish and if only
	Verbs/Tenses	the present perfect the present perfect (2): just, already, yet; for and since the present perfect (3): ever, this week, etc present perfect or past simple the present perfect continuous present perfect continuous or simple the past perfect the verb have
	Reported Speech	direct speech and reported speech reported speech: person, place and time reported speech: the tense change reported questions reported requests, offers, etc
 Math	Quadratic Equations & Graphs	Quadratic Equations Word problems Graphical Questions
	Algebraic fractions & Formula	Algebraic fractions Algebraic fractions Multiplication and division of algebraic fractions Addition subtraction of algebraic fractions
	Statistical Diagram	Statistical diagram Statistical diagram Pie chart
	Average of statistical data	Mean Median and Mode Four Operation, Square Root, Cube roots, Fractions, Percentages, LCM & HCF, Ratios
	Volume & Surface area of cones, pyramids and sphere	Volume and surface area of pyramids Volume and surface area of cones Volume and surface area of sphere Volume and surface area of composite shape
	Pythagoras Theorem	Pythagoras Theorem for unknown sides Pythagoras Theorem word problems
	Trigonometric Ratios	Trigonometric Ratios Trigonometric Ratios Trigonometric Ratios
	Congruence & Similarity	Congruence and Similarity
	Linear inequalities in one variable	Linear inequalities in one variable Linear inequalities in one variable Linear inequalities in one variable
 Science	Food & Digestion	Nutrients in food, energy, value of food, balanced diet and digestion The human digestive system
	Heating & Cooling	Temperature and Heat Effects of heat gain and loss Transfer of heat
	Respiration	Respiration, breathing and transportation in human beings
	Micro-organisms & Diseases	What are microorganism and useful microorganisms
	Solutions	Nature of light and shadow Reflection of light, refraction of light and colours

	Ecology	Habitat, population and community Environment Ecology
	Food chains & Food web	Food chains and food webs Energy transfer in a food chain Decomposers
	Sound & Hearing	Hearing sound Pitch and loudness
	Magnetism	Magnetism and magnetic materials Making a magnet Magnetic field Uses of magnet
 Computer	Hello Python	Hello Python Python Specials Variable in python Input in python Output In python Python in real life
	Lists & Functions	Hello Lists Operators in Python Hello Functions Parameter and no parameter functions Void and Return Functions Coding Practice
	Conditions & Loops	Introduction to If Statement If Statements (Nested If using elif) Hello while loop Hello for loop
	Class & Objects	Object Oriented Programming What are classes? What are objects? Handling Classes and Objects
	Modules in Python	Time in Python Random Built ins (abs(), bool(), float(), int(), range(), sum(), max(), min()) Code Blocks and Indentation Clean and High Quality Code Coding practice
 Islamiyat	Major Themes of Holy Quran	Ayat Ul kursi Surah Ikhlas Surah Al Fatiha Surah Al Zilzal
	Ahadith	Hadith 1-3 Hadith 4-6
	History & importance of Quran	Difference between Makki and Madani surahs, Revelation between 610-632
	History & Importance of Hadith	History of hadith, types, structure, qudsi and nabawi
	History & Importance of Prophet S.A.W	From the Prophet S.A.W's birth till 1st revelation in the cave of Hira From the Prophet S.A.W's birth till 1st revelation in the cave of Hira
	Rightly Guided Caliph of Islam	Hazrat Abu Bakr R.A
	First Muslim Community	Descendants of Prophet S.A.W
	Pillars & Articles of Faith	Angels Prophets Zakat

Quranic Passage	Surah Al Anaam Surah Shura and Al Alaq, Surah Naas
Ahadith	Ahadith 6-10
Major Theme of Quran	Descriptive special studies Part-I
Major Themes of Ahadith	Ahadith: Descriptive special studies Part-II
Biography of Prophet S.A.W	Makki Life: Open declaration-migration to Madinah
First Muslim Community	Scribes of divine revelation (Zaid bin Thabit R.A) Abdullah bin Masood R.A
Articles of Faith/Pillars of Islam	Belief in divine books Pillars of Islam- shahadah
Rightly Guided Caliph	Rightly Guided Caliph: Hazrat Umer R.A