

12TH GRADE CURRICULUM OVERVIEW – SEMESTER I (2023 - 2024)

Q1/2	Bio-Mr. Samson	Ch-Mr. Arnold	Literature-Ms. Damilola	Econ-Mr. Solomon A.
1.1	Energy & respiration	Atomic structure & stoichiometry	Reading & analysing Sujata Bhatt's <i>29 April 1989</i> & <i>3 November 1984</i>	Price system & the microeconomy
1.2	Energy & respiration	Chemical bonding & energetics	Reading & analysing Sujata Bhatt's <i>A Different History</i> & <i>A Story for Pearse</i> Analysing William Shakespeare's <i>Hamlet: Act I, scene I-II</i>	
1.3	Photosynthesis	Electrochemistry & equilibria	Analysing Sujata Bhatt's <i>Angels' Wing</i> & <i>Counting Sheep White Blood Cells</i> Reading & analysing Analysing William Shakespeare's <i>Hamlet: Act I, scene III-IV</i>	
1.4	Photosynthesis	Reaction kinetics	Reading & analysing Sujata Bhatt's <i>Eurydice Speaks</i> & <i>For Nanabhai Bhatt</i> Analysing William Shakespeare's <i>Hamlet: Act I, scene V</i> & <i>Act II scene I</i>	Government microeconomic intervention
1.5	Homeostasis	Periodicity, nitrogen & sulphur	Reading & analysing Sujata Bhatt's <i>Garlic in War & Peace</i> & <i>Genealogy</i> Analysing William Shakespeare's <i>Hamlet: Act II, scene II</i>	
1.6	Homeostasis	Hydrocarbons	Reading & analysing Sujata Bhatt's <i>Go to Ahmedabad</i> & <i>Iris</i> Analysing William Shakespeare's <i>Hamlet: Act III, scene I-II</i>	Macroeconomy
1.7	Control & coordination	Halogen compounds	Reading & analysing Sujata Bhatt's <i>Marie Curie to Her Husband</i> & <i>Nanabhai Bhatt in Prison</i> Analysing William Shakespeare's <i>Hamlet: Act III, scene III-IV</i>	
October 23-27 - FALL BREAK				
1.8	Control & coordination	Hydroxyl & carbonyl compounds.	Reading & analysing Sujata Bhatt's <i>Oranges and Lemons</i> & <i>Orpheus Confesses to Eurydice</i> , Analysing William Shakespeare's <i>Hamlet: Act IV, scene I-III</i>	Government macroeconomic intervention
1.9	Inheritance	Nitrogen compounds & polymerisation	Reading & analysing Sujata Bhatt's <i>Rooms by the Sea</i> & <i>Sujata: The First Disciple of Buddha</i> Analysing William Shakespeare's <i>Hamlet: Act IV, scene IV-VI</i>	
1.10	Inheritance	Organic synthesis	Reading & analysing Sujata Bhatt's <i>The Echoes in Poona</i> & <i>The Langur Coloured Night</i> Analysing William Shakespeare's <i>Hamlet: Act IV, scene VII</i> & <i>Act V, scene I</i>	International economic issues
2.1	Selection & evolution	Analytical techniques Transition elements	Reading & analysing Sujata Bhatt's <i>The Need to Recall the Journey</i> & <i>The One Who Goes Away</i> Analysing William Shakespeare's <i>Hamlet: Act V, scene III</i>	

2.2	Mock I Exam	Mock I Exam	Mock I Exam	Mock I Exam
2.3	Mock I Exam	Mock I Exam	Mock I Exam	Mock I Exam
2.4	Classification, biodiversity & conservation	Analytical techniques II	Correction of Mock 1 Reading & analysing Sujata Bhatt's <i>The Peacock & The Stare</i>	Correction on Mock 1 exam
2.5	Classification, biodiversity & conservation	Synopsis of organic synthesis	Reading & analysing Sujata Bhatt's <i>The Stinking Rose & The Writer</i> An introduction to Athol Fugard's <i>The Train Driver and Other Plays</i> - prologue	Review of section 7
2.6	Genetic technology	Synopsis of organic synthesis	Reading & analysing Sujata Bhatt's <i>Walking Across the Brooklyn Bridge, July 1990 & We are Adrift</i> Analysis of Athol Fugard's <i>The Train Driver</i> : scene I	Review of section 8
2.7	Genetic technology	Synopsis of organic synthesis	Reading & analysing Sujata Bhatt's <i>What Happened to the Elephant?</i> Analysis of Athol Fugard's <i>The Train Driver</i> : Scene II-III	Review of section 9
2.8	Review of topics 12-15	Synopsis of organic synthesis	Analysis of Athol Fugard's <i>The Train Driver</i> : Scene IV-V	Review of section 10
2.9	Review of topics 16-19	Synopsis of organic synthesis	Analysis of Athol Fugard's <i>Coming Home</i> : Scene V - epilogue	Review of section 11

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Q1/2	History-Mr. Sesan	Math-Mr. Ife	Physics-Mr. Babatunde	IT-Mr. Felix
1.1	The origins and development of the Cold War	Algebra	Motion in a circle	Review of contents of AS
1.2		Logarithmic & exponential functions	Motion in a circle	IT in society
1.3		Trigonometry	Oscillations	IT in society
1.4	.The historiography of the Cold War. The Traditional approach • The Revisionist approach • Post-Revisionist approaches	Differentiation	Oscillations	New and emerging technologies
1.5	Reinterpretations of the Cold War in the light of new archival sources. • The emergence of the 'New' Cold War history	Integration	Temperature, ideal gases & thermodynamics	New and emerging technologies
1.6		Poisson distribution & forces Equilibrium	Temperature, ideal gases & thermodynamics	System life cycle
1.7		Linear combination of random variables & kinetics of motion in a straight line	Gravitational fields	System life cycle
October 23 - 27 - FALL BREAK				
1.8	Theme 1: US–Soviet relations during the Cold War, 1950–91	Vector I	Gravitational fields	Mail merge

1.9		Vector II	Capacitance	Mail merge
1.10	Theme 1: US–Soviet relations during the Cold War, 1950–91	Differential equations	Electric fields	Graphics creation
2.1		Complex numbers & Revision	Magnetic fields & alternating current & Revision	Graphics creation & Programming for the web
2.2	Mock I Exam	Mock I Exam	Mock I Exam	Mock I Exam
2.3	Mock I Exam	Mock I Exam	Mock I Exam	Mock I Exam
2.4	Theme 2: The spread of communism in East and Southeast Asia, 1945–91	Corrections	Corrections	Review /corrections
2.5	Theme 2: The spread of communism in East and Southeast Asia, 1945–91	Momentum & continuous variables	Magnetic fields & alternating current	Programming for the web
2.6	Theme 3: Decolonisation, the Cold War and the UN in Sub-Saharan Africa, 1950–92	Newton's law of motion & sampling	Nuclear Physics	Programming for the web
2.7	Theme 3: Decolonisation, the Cold War and the UN in Sub-Saharan Africa, 1950–92	Work, energy & power	Quantum Physics	Communications technology
2.8	Theme 4: Conflict in the Middle East, 1948–91	Hypothesis tests	Medical Physics	Communications technology
2.9	Theme 4: Conflict in the Middle East, 1948–91	Hypothesis tests	Astronomy & cosmology	Project Management