



TERM 1 SYLLABUS
GRADE 12 SCIENCE

SUBJECT	SYLLABUS
PHYSICS	Chapter 1-Electric charges and fields Chapter 2-Electrostatic potential and capacitance Chapter 3-Current Electricity Chapter 4- Moving charges and magnetism Chapter 5-Magnetism and matter Chapter 6- Electromagnetic Induction Chapter 7-Alternating currents Chapter 8- Electromagnetic waves Chapter 9- Ray optics Chapter 10-Wave optics
CHEMISTRY	Chapter 1-Solutions Chapter 2- Electrochemistry Chapter 3-Chemical Kinetics Chapter 4-d and f block elements Chapter 6-Haloalkanes and haloarenes Chapter 7-Alcohols, phenols and ethers
BIOLOGY	Chapter 1-Sexual Reproduction in Flowering Plants Chapter 2-Human Reproduction Chapter 3-Reproductive Health Chapter 4-Principles of Inheritance Chapter 5-Molecular Basis of Inheritance Chapter 6-Evolution Chapter 7-Human Health and Diseases (Till Immunity)
ENGLISH	Reading Comprehension 1. Factual, descriptive or literary Passage 2. Case-based passage (with verbal/ visual input- statistical data, chart etc.) Literature: Flamingo: Prose 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. Rattrap Flamingo: Poems

	1. My Mother at Sixty Six 2. Keeping Quiet 3. A Thing of Beauty 4. A Roadside stand Vistas: Prose 1. The Third Level 2. Enemy 3. The Tiger King 4. Journey to the end of the earth WRITING 1. Notice 2. Formal and Informal Invitation 3. Letter to Editor 4. Report Writing 5. Article writing
MATHEMATICS	Chapter 1: Relations and Functions Chapter 2: Inverse Trigonometric Functions Chapter 3: Matrices Chapter 4: Determinants Chapter 5: Continuity and differentiability Chapter 6: Applications of derivatives Chapter 7: Integration
IP	Unit 1 : Data handling using pandas (Series and Dataframe). Data Visualization Unit 2: DataBase Query Using SQL Math functions Text functions Unit 3: Introduction to Computer Networks
ARABIC	الوحدة - معارض محلّية والدّولية الدّرس 1 : معارض الكتاب الدّرس 2 : معرض إكسبو 2020 النحو: 1. الجملة الإسميّة والجملة الفعلية 2. أنواع الجمل وأجزائها 3. أسماء الإشارة 4. أسماء الموصولة 5. الأفعال (الماضي، المضارع والأمر) 6. الصفة والموصوف

ISLAMIC	UNIT-1. LESSON1. Protecting Society Against Moral Crimes (Surah Nur) UNIT-2. LESSON1. Slander Against Aisha (R.A.) and Moral Lesson. UNIT-3. LESSON2. Prophetic Methodology in Healthcare. UNIT-5. LESSON2. Tolerance Towards the People of Different Faiths. UNIT 1 LESSON 3. Extremism
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