



Syllabus Outline for Admissions in Y9

(Age: 13.8 – 14.7 years)

English

Unseen Comprehension

Writing Skills:

- Summary Writing
- Writing a Short Story
- Letter Writing
- Newspaper Report Writing
- Personal Narrative

Mathematics

- Indices
- Expressions and Formulae
- Shapes and measurements
- Angles
- Numbers
- Planning, Collecting and Processing Data
- Equations and Inequalities
- Presenting Data and Interpreting Results,
- Ratio and Proportion,
- Sequences, Functions and Graphs,
- Transformations
- Fractions, Decimals, Rounding and Percentages,
- Area, Perimeter and Volume
- Probability

Urdu

- مضمون نویسی
- تفہیم
- جملہ سازی
- ای میل

Pakistan Studies 0448

History:

- Ch.3: The British in India
Part B: Colonial Rule
Part C: The Violent Events of 1857

Geography:

- Unit 7: Agricultural Development

Reference Books:

- The Environment of Pakistan by Dr. Huma Naz Sethi
- Pakistan History, Culture and Government by Nigel Smith

Islamiyat (0493)

Chapter 1: Major themes of the Holy Quran

- Surah Ikhlas
- Surah Zalzaalah
- Surah Kawthar

Chapter 3: Life and importance of Prophet Muhammed (SAW)

- Birth and early Life of the Prophet (SAW)
- First Revelation (Call to Prophethood)
- Prophet (SAW)'s Migration to Madinah

Chapter 7: The Rightly Guided Caliphs

- Election and Administration of Abu Bakr (RA)

Chapter 8: Articles of Faith & Pillars of Islam

- Articles of Faith
 - Belief in Tawheed
 - Belief in Angels
 - Belief in Divine Books
- Pillars of Islam
 - Salah (Prayer) - importance and benefit of Prayer, condition and method of Wudu, Friday prayer
 - Sawm (Fasting) - - importance and benefit of Fasting, method of Fasting in Ramadan

Reference. Book: Cambridge O Level Islamiyat by Dr. Saqib Muhammad Khan

Science

Unit Name	Chapters Included
Unit:1 Photosynthesis & Carbon Cycle	1.1: Photosynthesis
	1.2: More about Photosynthesis
	1.3: The Carbon Cycle
	1.4: Climate Change

Unit: 2 Properties of Materials	2.1: Atomic Structure & Periodic Table
	2.2: Trends in Group within the Periodic Table
	2.3: Why Elements React to form Compounds
	2.4: Simple & Giant Structures
Unit: 3 Forces & Energy	3.1: Density
	3.2: Heat & Temperature
	3.3: Conservation of Energy
	3.4: Moving from Hot to Cold
	3.5: Ways of Transferring Thermal Energy
	3.6: Cooling by Evaporation
Unit: 5 Reactivity	5.1: Reactivity & Displacement Reactions
	5.2: Using Reactivity Series & Displacement Reactions
	5.3: Salts
	5.4: Other Ways of Making Salts
	5.5: Rearranging Atoms
Unit: 8 Rates of Reaction	8.1: Measuring the Rate of Reaction
	8.2: Surface Area & Rate of Reaction
	8.3: Temperature & the Rate of Reaction
	8.4: Concentration & the Rate of Reaction
Unit:6 Sound and Space	6.1: Loudness & Pitch of Sound
	6.2 Interference of Sound
	6.3 Formation of Moon
	6.4 Nebulae
	6.5 Tectonics
Unit:7 Genes and inheritance	7.1 Chromosomes, Genes & DNA
	7.2 Gametes & Inheritance
	7.3 Variations
	7.4 Natural Selection
Unit: 9 Electricity	9.1 Parallel Circuits
	9.2 Current & Voltage in Parallel Circuits
	9.3 Resistance
	9.4 Practical Circuit
Unit: 4 Maintaining Life	4.1 Plants & Water
	4.2 Transpiration
	4.3 Excretion in Humans
	4.4 Keeping a Fetus Healthy
Ref: Cambridge Lower Secondary Science Learner's Book 9; 2nd Edition by Jones, Freeman & Smith	