



Y10 Final Term Syllabus Outline

Math	<p>Scatter Graphs</p> <p>Probability</p> <p>Set & Function</p> <ol style="list-style-type: none"> 1. Set (Introduction) 2. Logical Problems 3. Flow Diagram 4. Composite Function 5. Inverse Function <p>Vector</p> <ol style="list-style-type: none"> 1. Addition of Vector 2. Multiplication of Vector 3. Column Vector 4. Parallel Vectors 5. Modulus of Vector 6. Vector Geometry <p>Matrices</p> <ol style="list-style-type: none"> 1. Addition and Subtraction of Matrices 2. Multiplication of Matrix by a Number 3. Multiplication of Matrices by a Matrix 4. Inverse of Matrix <p>Transformation</p> <ol style="list-style-type: none"> 1. Reflection 2. Rotation 3. Translation 4. Enlargement 5. Combined Transformation 6. Inverse Transformation 7. Transformation Using Matrices <p>Exponential Growth</p> <p>Recurring Decimals</p> <p>Sine and Cosine Graphs</p> <p style="text-align: center;"><u>SUBJECT TEACHER: MR. SALEEM SHAHZAD/ MS. MARIA TAWAB/MR. ASAD ALI/DR. ASIF ALI</u></p>
Biology	<p>Chapter 21: Human Influences on Ecosystems</p> <p>Past Papers and revision.</p> <p style="text-align: center;"><u>SUBJECT TEACHER: MS. SAIMA MASROOR/ MS. ABIDA HAMEED</u></p>
Urdu	<p>Essay, Letter, Dialogue, Report, Speech, Translation, Idioms, Sentence- Transformation, Cloze Passage, Summary, Comprehension.</p> <p style="text-align: center;"><u>SUBJECT TEACHER: MS. AMNA MALIK/ MS. AMBREEN HASAN/MS. SAADIA SIFTAIN</u></p>
Pak Studies	<p><u>HISTORY:</u></p> <p>Chapter 14: Political History, Chapter 15: Political History, Chapter 16: International Relations</p> <p>Revision</p> <p><u>GEOGRAPHY:</u></p> <p>Unit 12: Population</p> <p>Revision</p> <p style="text-align: center;"><u>SUBJECT TEACHER: MS. SOMIA SOMRO /MR. FAROOQ KHAN/ MS. SHEHZADI JAMAL</u></p>

<p>Chemistry</p>	<p>1. Organic Chemistry Polymers Past Papers Practice is done with all the topics. <u>SUBJECT TEACHER: MR. RAUF QURESHI/MS. NAILA FARAN</u></p>
<p>Islamiyat</p>	<p>Complete Syllabus *Passages of Quran (15) Surah Fussilat (41:37-39), Surah Baqrah (2:31-37), Surah Nas (114), Surah Maida (5:110), Surah Ikhlas (112), Surah Anaam (6:75-79), Surah Alaq (96: 1-5), Surah Zilzaal (99), Surah Baqrah (2:255), Surah Anaam (6:101-103), Surah Fatiha (1:1-7), Surah Kauser (108), Surah Duha (94), Surah Baqarah (2:21-22), Surah Shuraa (41:4-5) * Life of Prophet SAW in Makkah and Madina * Ten Blessed Companions including Prominent Companions * Scribes of the Prophet SAW * Children of the Prophet SAW * Wives of the Prophet SAW * Relationship of Muslims with Non- Muslims & Relationship of Muslim States with other states * The History and Importance of Quran including Sources of Law *Ahadith (1-20) * Articles of Faith (Beliefs) * Pillars of Islam * Jihad * History of Hadith and its Importance *The Rightly Guided Caliphs IAH Syllabus: *Passages of Quran (10)-Surah Fussilat (41:37-39), Surah Baqrah (2:31-37), Surah Nas (114), Surah Maida (5:110), Surah Ikhlas (112), Surah Anaam (6:75-79), Surah Alaq (96: 1-5) *Life of Prophet SAW in Makkah *Children of the Prophet SAW *Wives of the Prophet SAW *Relationship of Muslims with non- Muslims & Relationship of Muslim States with other states *The Quran including Sources of law *Ahadith (11-20) * Articles of Faith (Beliefs) *Pillars of Islam (Shahada, Salah, Fasting) * Hadith and its compilation *The Rightly Guided Caliphs (Abu Bakr RA & Uthman RA) <u>SUBJECT TEACHER: MS. ASMA RASHID, MS. TAYYEBAH SHAKEEL</u></p>
<p>Physics</p>	<p>Reference: Course Book Chapter 22(Physics Matters - GCE 'O' level Dr. Charles Chew, Chow Siew Foong, Dr. Ho Boon Tiong-4th Edition) Chapter 11 (Complete Physics for Cambridge IGCSE third edition by Stephen Pople) Ref: Cambridge IGCSE Physics (0625) Syllabus Section 4 Electricity and Magnetism 4.6 Section 5 Atomic Physics 5.1, 5.2 Past Papers Practice is done with all the topics. <u>SUBJECT TEACHER: MR. M. ARIF / MR. ZEESHAN KHAN</u></p>

Accounting	<p>Chapter:35 Incomplete Records Chapter:36 Receipt & Payment Accounts Chapter:45 Limited Liability Companies Past Paper Practice</p> <p style="text-align: right;">SUBJECT TEACHER: MS. NAZISH JAFRI</p>
Business Studies	<p>Section 6: Chapter: 26 Govt. Economic Objectives Chapter: 27 Environmental & Ethical Issues Chapter: 28 Business & the International Economy Past Paper Practice Note: These chapters are from Business Studies IGCSE Book Fourth Edition by Karen Borrington and Peter Stimpson</p> <p style="text-align: right;">SUBJECT TEACHER: MR. NABEEL AHSAN</p>
Economics	<p>Section 7: Unit 7.1 Developed & Less- Developed Economies Past Paper Practice</p> <p style="text-align: right;">SUBJECT TEACHER: MS. ANEEBA IMRAN</p>
ICT	<p>Theory Chapter 7: System Life Cycle</p> <ul style="list-style-type: none"> • 7.4 Implementation • 7.5 Documentation • 7.6 Evaluation <p>Chapter 9: Audience, Chapter 11: File Management, Chapter 15: Proofing(Theory) Practical Chapter 15: Proofing(Practical), Chapter 18: (Data Manipulation)</p> <ul style="list-style-type: none"> • Summary Query • Data Labels <p>Chapter 21: (Website authoring) SUBJECT TEACHER: MS. MADIHA NASEEM /MS. MALIKA FARAH/ MS. MASHAL NAVEED/ MS. ASMA RAQUIM</p>
English as Second Language	<p>P2</p> <ul style="list-style-type: none"> • Comprehension Skills • Form Filling • Note Making • Summary Writing • Article Writing • Formal/Informal Letters <p>P4</p> <ul style="list-style-type: none"> • Listening <p>P5</p> <ul style="list-style-type: none"> • Speaking <p style="text-align: right;">SUBJECT TEACHER: MS. TAKHLEEQ SALMAN/ MS. UMBAREEN AMMAR/ MS. MARYAM ZEESHAN</p>

First Language English	<p>P-2 <u>Reading Passages (Extended)</u></p> <p>Q-1 Directed writing with the help of the given passages:</p> <ul style="list-style-type: none"> - Formal and Informal Letters - Talk - Speech Writing - Persuasive Writing - Article Writing - Interview - Report Writing - Journal Writing <p>Q-2 Writer’s Effects analysed from the given Paragraphs:</p> <ul style="list-style-type: none"> - All figures of speech - Evaluating the imagery used <p>Q-3 Note making for effective Summary Writing</p> <p>P3 <u>Directed Writing and Composition</u></p> <p>Q-1 Directed argumentation with the help of the given passages:</p> <ul style="list-style-type: none"> - Formal & Informal Letters - Discursive Report Writing - Talks - Argumentative Article Writing <p>Q-2 Descriptive Article Writing / Narrative Article Writing</p> <p style="text-align: right;"><u>SUBJECT TEACHER: MS. FATIMA ZAHRA</u></p>
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