<table>
<thead>
<tr>
<th>Subject</th>
<th>Syllabus</th>
<th>Remarks</th>
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</table>
| Biology | Chemical constituents (Ch.1)  
          Cell structure (Ch.2)  
          Cell structure (Ch.3)  
          Transport of substances in and out of the cell (Ch.4)  
          Enzymes (Ch.5)  
          Genetics (Ch.6)  
          Genetics (Ch.7)  
          Genetics (Ch.17)  
          Genetics (Ch.18)  
          Genetics (Ch.19) |         |
| Chemistry | Topic 1:  Atoms, molecules and stoichiometry  
            Topic 2:  Electronic structure and the Periodic Table  
            Topic 3:  Energetics  
            Topic 4:  Bonding and Structure (Only 4.1 to 4.3)  
            Topic 5:  Chemical Kinetics | Bring calculator |
| Chinese Language and Culture | 篇章  
            與青年談中國文化及情與中國文化 |         |
| Computer Application | Word Processing (All notes)  
            Spreadsheet (All notes + Whole Text Book & Notes)  
            Database (All notes + Chapter 2 – Chapter 7) |         |
| Economics | Textbook Ch. 1 - 10 | Students should bring a calculator and a ruler for the exam. |
| Geography | Section A1: Climatic System  
            Section A3: Biotic system | Students should bring calculator, rulers, protractor and a piece of thread for the exam. |
| Pure Mathematics | Topic 1: Inequalities (AM-GM, Cauchy-Schwarz)  
            Topic 2: Sequences (Convergence and Sandwich Theorem)  
            Topic 3: Continuity and Differentiability (plus L'Hopital's Rule and Mean Value Theorem)  
            Topic 4: Fundamental Theorem of Calculus |         |
| Applied Mathematics | Topic 1: Vector  
            Topic 2: 2D Mechanics  
            Topic 3: Differential Equations |         |
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<tr>
<th>Subject</th>
<th>Chapters/Topics</th>
<th>Additional Notes</th>
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| Mathematics and Statistics   | Chapter 1 Permutations and Combinations  
Chapter 2 The binomial Expansion  
Chapter 3 Exponential Functions  
Chapter 4 Logarithmic Functions  
Chapter 5 Limits and Derivatives  
Chapter 6 Differentiation  
Chapter 7 Applications of Differentiation (Section 7.1 & 7.2 Only) | Bring calculator          |
| Physics                      | Mechanics - ALL topics  
Field, electricity and electromagnetism -  
Electric field and Current electricity | Students should bring calculator for the exam. |
| Principles of Accounts       | - Accounting equation, accounting cycle and year end adjustment  
- Depreciation and capital expenditure  
- Bank Reconciliation statement  
- Errors and suspense  
- Control Accounts  
- Incomplete records  
- Income and expenditure accounts  
- Partnership |                                         |
| Use of English               | Content in quarter 1  
- Foundation Listening Units  
- Expository essays  
- Pre-writing strategies  
- Writing topic analysis  
- Weekly newspaper cutting assignment  
- Foundation Reading and Language Systems practices  
- Pair work  
- Oral presentations  
- Group discussions on social issues  
- Take-home grammar exercises  
- Communication 1 Introductory Units  
- Foundation Section E practices  
- Skills for tackling data-based writing  
- Concepts of text, cohesion and coherence  
- Grammar Quiz  
Content in quarter 2  
- Foundation Listening Units  
- Expository essays  
- Writing topic analysis |                                         |
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