

# SCHEME OF ASSESSMENT [SEC 4 EXPRESS & 5 NORMAL ACADEMIC]

#### Non-Weighted Assessment 1 [Term 1]

| Subject                   | Type of Assessment [Class Test/ Project/ Investigation] | Topics   |  |  |
|---------------------------|---|--|--|--|
| Mathematics               | Class Test  | <ul> <li>Properties of Circles</li> <li>Set Language and Notation</li> <li>Trigonometry (Sec 3)</li> </ul>   |  |  |
| Physics                   | Class Test  | <ul> <li>Chapter 8: Kinetic Particle Model of Matter</li> <li>Chapter 9: Thermal Processes</li> <li>Chapter 10: Thermal Properties of Matter</li> <li>Graph Skills</li> </ul>                                    |  |  |
| Chemistry                 | Class test  | <ul> <li>Chapter 7: Chemical Calculations</li> <li>Chapter 15: Reactivity Series</li> <li>Chapter 13: Electrochemistry</li> <li>Chapter 16: Chemical Energetics</li> <li>Chapter 17: Rate of reaction</li> </ul> |  |  |
| Sci (Physics)             | Class Test  | For Sec 4 Students   |  |  |
| Sci (Chemistry)           | Class Test  | <ul> <li>Chapter 7: Mole Concept and Stoichiometry</li> <li>Chapter 12: The Reactivity Series</li> <li>Chapter 11: Periodic Table</li> <li>Chapter 13: Chemical Energetics</li> </ul>                            |  |  |
| Social Studies            | Class Test  | <ul> <li>Chapter 4: How can we work together for the good of society?</li> <li>Source-Based Case Study Skills: Inference, Purpose &amp; Reliability</li> </ul>   |  |  |
| Geography<br>Elective     | Class Test  | <ul> <li>GEL Topic 2: Sustainable Development</li> <li>GEL Topic 3: Geographical Methods</li> </ul>  |  |  |
| History Elective          | Class Test  | <ul> <li>Chapter 7: Origins &amp; Development of the Cold War in Europe [SBCS]</li> <li>Source-Based Case Study Skills: Evaluation &amp; Reliability</li> </ul>  |  |  |
| Additional<br>Mathematics | Class Test  | <ul> <li>Chapter 12: Differentiation</li> <li>Chapter 13: Tangents, Normals and Rates of Change</li> <li>Chapter 14: Maxima and Minima</li> </ul>  |  |  |

### Official (Open)/Non-Sensitive

| Principles of Accounts      | Class Test | <ul> <li>Chapter 10: Trade Receivables</li> <li>Chapter 11: Non-Current Assets</li> </ul>   |
|-----------------------------|------------|---|
| Design &<br>Technology      | Class Test | <ul> <li>Control Systems: Inputs, process, output, feedback</li> <li>Electronics: Sensing circuits, Electronics components</li> <li>Mechanism: Levers, linkages, screw, rack and pinion, pulley, cams, gears</li> </ul> |
| Nutrition &<br>Food Science | Class Test | <ul> <li>Chapter 1-6:         Proteins/Carbohydrates/Fats/Vitamins/Minerals/Dietary         Fibre/Water         Chapter 10: Sustainable Food Consumption     </li> </ul>  |



# SCHEME OF ASSESSMENT [SEC 4 NORMAL ACADEMIC]

#### Non-Weighted Assessment 1 [Term 1]

| Subject                       | Type of Assessment [Class Test/ Project/ Investigation] | Topics  |
|-------------------------------|---|---|
| Mathematics                   | Class Test  | Chapter 1: Applications of Trigonometry   |
| Sci (Physics)                 | Class Test  | <ul> <li>Kinematics (Sec 3 Topic)</li> <li>General Properties of Waves I</li> <li>Electromagnetic Waves</li> </ul>  |
| Sci (Chemistry)               | Class test  | <ul> <li>Chapter 3: Atomic Structure</li> <li>Chapter 11: Periodic Table</li> <li>Chapter 12: Reactivity Series</li> <li>Chapter 15: Fuels and Crude Oil</li> </ul>   |
| Social Studies                | Class Test  | <ul> <li>Chapter 3: How do we decide what is good for society?</li> <li>Source-Based Case Study Skills: Inference, Purpose &amp;<br/>Reliability</li> </ul>   |
| Geography<br>Elective         | Class Test  | Plate Tectonics Topic 1: Plate Tectonics  |
| History Elective              | Class Test  | <ul> <li>Chapter 7: Origins &amp; Development of the Cold War in<br/>Europe [SBCS]</li> <li>Source-Based Case Study Skills: Evaluation &amp; Reliability</li> </ul>   |
| Design &<br>Technology        | Class Test  | <ul> <li>Control Systems: Inputs, process, output, feedback</li> <li>Electronics: Sensing circuits, Electronics components</li> <li>Mechanism: Levers, linkages, screw, rack and pinion, pulley, cams, gears</li> </ul> |
| Principles of Accounts        | Class Test  | <ul><li>Chapter 10: Trade Receivables</li><li>Chapter 11: Non-Current Assets</li></ul>  |
| Nutrition and<br>Food Science | Class Test  | <ul> <li>Chapter 1-6:         Proteins/Carbohydrates/Fats/Vitamins/Minerals/Dietary         Fibre/Water     </li> <li>Chapter 11 - Preparation &amp; Cooking of Food - Eggs, Dairy</li> <li>Products</li> </ul>         |



# SCHEME OF ASSESSMENT [SEC 4 NORMAL TECHNICAL]

#### Non-Weighted Assessment 1 [Term 1]

| Subject                  | Type of Assessment [Class Test/ Project/ Investigation] | Topics   |
|--------------------------|---|--|
| Mathematics              | Class Test  | <ul><li>Fractional Equations</li><li>Graphs of Quadratic Equations</li></ul>   |
| Science                  | Class Test  | <ul> <li>Topic 6.3: What are Acids and Alkalis and what reactions do they go through?</li> <li>Topic 7: Food Safety</li> <li>Topic 8: Staying Healthy (partial)</li> </ul>   |
| Computer<br>Applications | Practical Test  | Spreadsheets (MS Excel)  Filtering Data  Data Validation  Formulas  Functions  Conditions  Cell formats  Chart   |
| Retail<br>Operations     | Class Test  | <ul> <li>Introduction to retailing</li> <li>Handling Retail Processes</li> <li>Customer Service, Selling products and Services</li> </ul>  |
| Design &<br>Technology   | Class Test  | <ul> <li>Control Systems: Inputs, process, output, feedback</li> <li>Electronics: Sensing circuits, Electronics components</li> <li>Mechanism: Levers, linkages, screw, rack and pinion, pulley, cams, gears, springs</li> </ul> |

<sup>\*\*</sup>SSNT will be completing a performance task over Semester 1.