

| Term | Week | Topic |
|----------|------|---|
| 1 | 1 | Chp 1: Physical Quantities, Units and Measurements |
| | 2 | |
| | 3 | Chp 2: Kinematics |
| | 4 | |
| | 5 | |
| | 6 | |
| | 7 | Chp 3: Forces and Pressure Week 7: WA1 (Written Assessment) |
| | 8 | |
| | 9 | |
| | 10 | |

| Term | Week | Topic |
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| 2 | 1 | Chp 4: Mass, Weight and Density |
| | 2 | |
| | 3 | Chp 5: Turning Effect of Forces |
| | 4 | |
| | 5 | |
| | 6 | Chp 6: Energy, Work and Power Week 7 -8 : WA2 (Written Assessment) |
| | 7 | |
| | 8 | |
| | 9 | Timed Practice Practical 1: Oscillation Practical 2: Moment of Force |
| | 10 | |

| Term | Week | Topic |
|----------|------|--------------------------------------|
| 3 | 1 | Chp 7: Kinetic Model of matter |
| | 2 | Chp 8: Transfer of Thermal Energy |
| | 3 | |
| | 4 | |
| | 5 | Chp 9 : Thermal Properties of Matter |
| | 6 | |
| | 7 | Week 4-7: WA3 (Project-Based) |
| | 8 | Chp 11: Waves |
| | 9 | |
| | 10 | |

| Term | Week | Topic |
|----------|------|---|
| 4 | 1 | Revision |
| | 2 | Revision |
| | 3 | End of Year Examination |
| | 4 | |
| | 5 | Timed Practice Practical 3: Water Wave Practical 4: Cooling Curve |
| | 6 | |
| | 7 | |
| | 8 | |
| | 9 | |
| | 10 | |

Level: Secondary 3 Express Science (Physics)
Subject Code: 5076

Woodgrove Secondary School
Science Department
Scheme of Work 2022

| Term | Week | Topic |
|----------|--------|--|
| 3 | 1 – 2 | Chapter 2: Variable Weather and Changing Climate KQ1: Why do different places experience different weather and climate? (Climate Types) Geographical investigation fieldtrip @ Singapore Botanic Gardens |
| | 2 – 3 | Chapter 3: Geographical Skills and Investigations Geographical investigation post-fieldtrip data analysis and presentation (WA) (15%) |
| | 4 – 6 | Chapter 2: Variable Weather and Changing Climate KQ2: What is happening to the Earth's climate? (Climate change, Human and Anthropogenic Causes) |
| | 6 – 8 | Chapter 2: Variable Weather and Changing Climate KQ2: What is happening to the Earth's climate? (Impacts of Climate Change) |
| | 9 – 10 | Chapter 2: Variable Weather and Changing Climate KQ2: What is happening to the Earth's climate? (Responses to Climate Change) September Holiday Assignment |

| Term | Week | Topic |
|----------|-------|---|
| 4 | 1 – 2 | Revision for End-of-Year Examination |
| | 3 – 4 | End-of-Year Examination |
| | 5 | Analysis and correction for End-of-Year Examination paper |
| | 6 – 7 | Academic Booster Programme (TBC) |

Note: scheme of work provided does not include non-weighted assignments which would be assigned to students periodically to assess their learning and progress for the subject