

**Investigating Science  
Assessment Schedule 2019**

| <b>Task Number</b>                                    | <b>Task 1<br/>Depth Study 1</b> | <b>Task 2<br/>AP3</b>  | <b>Task 3<br/>Depth Study 2</b> | <b>Task 4<br/>AP4</b>  | <b>Weighting %</b> |
|---|---------------------------------|------------------------|---------------------------------|------------------------|--------------------|
| Date  | Term 4<br>Week 9                | Term 1<br>Weeks 9-11   | Term 2<br>Week 8                | Term 3<br>Weeks 3-5    |                    |
| Outcomes Assessed in Skills in Working Scientifically | IS11/12<br>2,3,4,5,7            | IS11/12<br>1,2,4,5,6,7 | IS11/12<br>1,2,3,4,5,6,7        | IS11/12<br>1,2,4,5,6,7 |                    |
| Outcomes Assessed in Knowledge & Understanding        | IS12<br>12                      | IS12<br>12,13          | IS12<br>13,14                   | IS12<br>12,13,14,15    |                    |
| Skills in Working Scientifically                      | 5                               | 15                     | 30                              | 10                     | 60                 |
| Knowledge & Understanding                             | 5                               | 5                      | 10                              | 20                     | 40                 |
| <b>Total</b>  | <b>10</b>                       | <b>20</b>              | <b>40</b>                       | <b>30</b>              | <b>100</b>         |

**Objectives and Outcomes** - Students develop skills in the process of Working Scientifically

**IS11/12-1 Questioning and Predicting** develops and evaluates questions and hypotheses for scientific investigation

**IS11/12-2 Planning investigations** designs and evaluates investigations in order to obtain primary and secondary data and information

**IS11/12-3 Conducting investigations** conducts investigations to collect valid and reliable primary and secondary data and information

**IS11/12-4 Processing data and information** selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media

**IS11/12-5 Analysing data and information** analyses and evaluates primary and secondary data and information

**IS11/12-6 Problem solving** solves scientific problems using primary and secondary data, critical thinking skills and scientific processes

**IS11/12-7 Communicating** communicates scientific understanding using suitable language and terminology for a specific audience or purpose

**Develop knowledge and understanding of science and technology**

**INS12-12** develops and evaluates the process of undertaking scientific investigations

**INS12-13** describes and explains how science drives the development of technologies

**Develop knowledge and understanding of contemporary issues involving science**

**INS12-14** uses evidence-based analysis in a scientific investigation to support or refute a hypothesis

**INS12-15** evaluates the implications of ethical, social, economic and political influences on science