VCE Unit 2 Foundation Mathematics

Time Allocation
This unit of work will consist of approximately 100 hours of which at least 50 hours will be class time. To complete this unit of work satisfactorily, students must complete each of the following learning outcomes.

Learning Outcomes

Outcome 1
On completion of this unit the student should confidently and competently use mathematical concepts and skills from Space, Shape and Design, Patterns and Number, Data and Measurement areas of study.

Outcome 2
The student should be able to apply and discuss mathematical procedures to solve practical problems in familiar and new contexts, and communicate their results.

Outcome 3
The student should be able to select and use technology to apply mathematics in a range of practical contexts.

Assessment Tasks

1. Designing a Dream Home
The student is required to investigate the procedures and costs involved in designing and constructing their dream home taking into account the use of measurement concepts.

Weighting: This task is worth 20% of the overall grade. Time allocated to task: 6 periods
Due: Term 3, Week 5.

2. Planning a Holiday
The student is required to plan a 2-week holiday to a variety of destinations, outlining places of interest, accommodation, and costs involved.

Weighting: This task is worth 20% of the overall grade. Time allocated to task: 6 periods
Due: Term 3, Week 9
3. Data Investigation

The student is required to complete a data investigation involving research, analysis and presentation of results.

**Weighting:** This task is worth 20% of the overall grade

**Time allocated to task:** 6 periods

**Due:** Term 4, Week 4

4. Variety of exercises and general tasks

The student is required to complete a wide variety of work sheets and specific tasks designed to enhance their understanding of the different areas.

**Weighting:** This task is worth 10% of the overall grade

**Due:** Term 4, Week 6

5. Semester Examination

The student is required to apply knowledge and understanding of the concepts covered during the Foundation mathematics course.

**Weighting:** This task is worth 30% of the overall grade

**Time allocated to task:** 90 minutes

**Due:** Term 4, Week 7

**Assessment**

<table>
<thead>
<tr>
<th>Topics</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projects/Assignments</td>
<td>60%</td>
</tr>
<tr>
<td>Classwork/activities</td>
<td>10%</td>
</tr>
<tr>
<td>Exam</td>
<td>30%</td>
</tr>
</tbody>
</table>