<table>
<thead>
<tr>
<th>Unit Name</th>
<th>Main Ideas</th>
<th>Duration (weeks)</th>
<th>Assessment Item</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALGEBRA.....SOLVING EQUATIONS</td>
<td>• Rearranging Formulae&lt;br&gt;• Solving Linear equations&lt;br&gt;• Solving Quadratic equations&lt;br&gt;• Problems solving</td>
<td>4 weeks</td>
<td>EXAM Unseen, individual 70 mins</td>
<td>Monday 30th Oct</td>
</tr>
<tr>
<td>TRIGONOMETRIC RATIOS</td>
<td>• Labelling right angled triangles&lt;br&gt;• Formulae for $\sin \theta$, $\cos \theta$, $\tan \theta$&lt;br&gt;• Using trig ratios to find unknown sides&lt;br&gt;• Using trig ratios to find unknown angles&lt;br&gt;• Applications of trig to problem solving including Angles of Elevation &amp; Depression and Bearings</td>
<td>4 weeks</td>
<td>EXAM Unseen, individual 70 mins</td>
<td>Monday 27th Nov</td>
</tr>
<tr>
<td>FINANCIAL MATHS</td>
<td>• Simple interest&lt;br&gt;• Total amount owed and repayments</td>
<td>2 weeks</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Literacy Components**

- Speaking and Listening
- Reading & Viewing — reading and interpreting real life problems that require the use of the above concepts and skills in order to be solved.
- Writing & Designing — responses to a variety of problems throughout both units and constructing appropriate responses to questions posed in the assignment.

**Numeracy Components**

- Number — basic knowledge of number and the four operations used consistently throughout all units. Understanding and use of ratio.
- Algebra — substitution into formulae to establish simple equations and solving for the unknown.
- Measurement — selection and use of appropriate units.
- Space — basic knowledge of properties of right angled triangles
- Chance & Data

**ICT/Technology Components**

- Select and use ICTs in the processes of inquiry and research —
- Select and use ICTs to create a range of responses to suit the purpose and audience — use of scientific calculators to evaluate trig ratios
- Select and use ICTs to collaborate and enhance communication for an identified purpose and audience
- Develop and apply ethical, safe and responsible practices when working with ICTs
- Use a range of advanced ICT functions and applications