# Curriculum and Assessment Map 2019-2020

## Subject: Further Mathematics

**Subject Leader:** Mrs L Osborne  
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### Year 12

<table>
<thead>
<tr>
<th>MEI Further Mathematics (B) Specification H645</th>
<th>Scheme of Learning Autumn Term</th>
<th>Scheme of Learning Spring Term</th>
<th>Scheme of Learning Summer Term</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A02</strong> Reason, interpret and communicate mathematics (30% in Core Pure, 15% in Mechanics, 20% in Statistics and Modelling)</td>
<td><strong>A03</strong> Solve problems within mathematics and in other contexts (20% in Core Pure, 35% in Mechanics, 30% in Statistics and Modelling)</td>
<td><strong>Assessment Pieces</strong>&lt;br&gt;Pure Test 1 – Parts 1 and 2&lt;br&gt;Algorithms Test 1 – Parts 1 + 2</td>
<td><strong>Assessment Pieces</strong>&lt;br&gt;Pure Test 2 – Parts 3 and 4&lt;br&gt;Algorithms Test 2 – full paper&lt;br&gt;<strong>Assessment Pieces</strong>&lt;br&gt;End of Year 12 Exams – Pure and Statistics</td>
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### Outside the taught curriculum

- Dr Frost Maths website, MEI Integral resources - individual login, Maths Support, UKMT Maths Challenge and Puzzles club

### Suggested reading

- Gödel, Escher, Bach: An Eternal Golden Braid by Douglas Hofstadter (Age 16+)
- Towards Higher Mathematics: A Companion by Richard Earl (Age 16+)
- The Art of the Infinite by Robert and Ellen Kaplan (Age 16+)