

## Study Guide, Semester 1 2011

### Year 7 Mathematics

|    | <b>Topic</b>  | <b>Revision resources</b>  |
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| 1. | <b>Number:</b><br>History, place value & expanded notation<br>Addition, subtraction, multiplication & division<br>Expanded notation<br>Order of operation<br>Language and symbols   | <ul style="list-style-type: none"> <li>Text, Chapter 1 (Review p. 29)</li> </ul>   |
| 2. | <b>Angles:</b><br>Naming, measuring and types<br>Pairs of angles<br>Angles and parallel lines   | <ul style="list-style-type: none"> <li>Text, Chapter 2 (Review p. 70)</li> <li>Text: Mixed revision exercises, p. 71-75</li> </ul> |
| 3. | <b>Decimals:</b><br>Place value<br>Adding, subtracting, dividing & multiplying<br>Expanded form<br>Decimals to fractions and vice versa<br>Rounding off<br>Recurring decimals   | <ul style="list-style-type: none"> <li>Text, Chapter 7 (Chapter Review p251)</li> <li>Revision exercises p. 252 - 253</li> </ul>   |
| 4. | <b>Fractions:</b><br>Equivalent fractions<br>Comparing and ordering<br>Improper fractions & mixed numbers<br>Addition, subtraction, multiplication & division<br>Fraction of a quantity<br>One quantity as a fraction of another. | <ul style="list-style-type: none"> <li>Chapter 10 (Review p. 374)</li> <li>Revision exercises p.375 – 377.</li> </ul>              |

Remember to use Mathletics to help you with revision for the examination.