Welcome to Yanchep DHS Maths 2016. A brief outline of the course for Semester 1 has been set out for you below so you are aware of the assessment tasks required of you.

**PARENTS:** I hope to share information with you about the progress of your son / daughter before reporting evenings. As sometimes phone calls may be inconvenient, our preferred method of contact is via email. I will email you with comments about the great things your child has done in a lesson or with any concerns or reminders if something is overdue. Please email me at adam.lewis@education.wa.edu.au with your child’s name in the subject field at the top of the email.

**STUDENTS:** If you need assistance on a task at school or homework please email or see your teacher before school or during a break.

**ASSESSMENTS**

In Year 7 Maths, students will receive a grade to reflect their achievement. If you do not demonstrate understanding you will be awarded a D or E grade.

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**Term 1**

<table>
<thead>
<tr>
<th>Term</th>
<th>Chapter(s)</th>
<th>Homework</th>
<th>Assignment(s)</th>
<th>Link to Aust Curriculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chapter 1 – Whole Number</td>
<td>Pearson Homework Book (Page 1)</td>
<td>Investigate index notation and represent whole numbers as products of powers of prime numbers (ACMNA149)</td>
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<tr>
<td></td>
<td>1.1 – Mental Strategies Q1a-o, Q2a-f, Q3, 4, 5</td>
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<td></td>
<td>1.2 - Indices Q1-Q4,</td>
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<td>Investi</td>
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<td>2</td>
<td>1.2 –Cont’d Q 7, Q9, 1.3 – More strategies for multiplication and division Q1, Q2 Halftime 1</td>
<td>Pearson Homework Book (Page 2 &amp; 3)</td>
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<tr>
<td>3</td>
<td>1.4- Estimating and Rounding Q1, Q2 &amp; Q3 1.5 – Order of Operation (Bimdas) Q1 &amp; Q2 Chapter Review</td>
<td>Pearson Homework Book (Page 4,5 &amp; 6)</td>
<td>Compare, order, add and subtract integers (ACMNA280)</td>
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<tr>
<td>4</td>
<td>Chapter 1 Test  Chapter 2 –Integers 2.1 – Multiples, factors and divisibility Q1-Q4, Q7-Q10 2.2 – Prime and Composite Q1-Q4, Q5-Q15</td>
<td>Pearson Homework Book (Page 7 &amp; 8)</td>
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<td>5</td>
<td>2.3- Prime Factors Q1-Q7, Q8-Q10</td>
<td>Pearson Homework Book (Page 9 &amp; 10)</td>
<td>Compare, order, add and subtract integers (ACMNA280) Halftime 2</td>
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<td>6</td>
<td>2.4- Intro to Integers Q1-Q12 2.5- Adding and Subtracting positive integers Q1-Q4, Q6-Q10, Q11</td>
<td>Pearson Homework Book (Page 11, 12, 13 &amp; 14)</td>
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<td>7</td>
<td>2.6- Adding and Subtracting Negative Integers Q1-Q4 2.7 Simplifying Addition and Subtraction Q1-Q5, Q6-Q9</td>
<td>Pearson Homework Book (Page 35 &amp; 36)</td>
<td>Establish the formulas for areas of rectangles, triangles and parallelograms, and use these in problem-solving (ACMMG159)</td>
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<tr>
<td>8</td>
<td>NAPLAN REVIEW/PRACTICE</td>
<td>NAPLAN Practice Questions</td>
<td>NAPLAN Practice Questions</td>
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<tr>
<td></td>
<td>Chapter 6 – Measurement 6.1 – Units of Length Q1-Q3, Q6, Q7-Q10</td>
<td>Recall 6</td>
<td>Pearson Homework Book (Page 35 &amp; 36)</td>
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<td>9</td>
<td>NAPLAN REVIEW/PRACTICE 6.2 – Perimeter Q1-Q4, Q5-Q10 (Perimeter Activity)</td>
<td>NAPLAN Practice Questions</td>
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### Term 2

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<thead>
<tr>
<th></th>
<th>Homework</th>
<th>Assignment(s) Investigations</th>
<th>Link to Aust Curriculum</th>
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</thead>
</table>
| 1 | Recap of 6.1 & 6.2  
6.3 – Area Q1-Q5, Q6-Q12 *(Area Activity)* | Naplan Revision | Halftime 6 |
| 2 | 6.4 – Area of a Parallelogram Q1-Q3, Q4-Q7, Q10  
Halfway Test (Chapter 6) | Pearson Homework Book (Page 37 & 38) | |
| 3 | NAPLAN  
NAPLAN  
NAPLAN | Naplan Revision | Naplan Revision |
| 4 | 6.5- Area of Triangles and Composite shapes Q1-Q3, Q4-Q8  
6.6- Volume Q1-Q7.  
City Mission Activity | Pearson Homework Book (Page 39 & 40) | Calculate volumes of rectangular prisms *(ACMGM160)* |
| 5 | Chapter Review 6  
Mixed Review C  
Chapter 6 Test | | |
| 6 | Chapter 9- Statistics and Probability  
9.1- Collecting data Q1-Q3, Q6  
9.2- Measurements of centre Q1-Q4, | Pearson Homework Book (Page 53 & 54) | Identify and investigate issues involving numerical data collected from primary and secondary sources *(ACMSP169)*  
Calculate mean, median, mode and range for sets of data  
Interpret these statistics in the context of data *(ACMSP171)* |
| 7 | 9.3- Graphing Univariate data Q1, Q2, Q3, Q8,  
9.4 – Comparing parts of a whole with graphs Q1-Q3 | Pearson Homework Book (Page 55 & 56) | Construct and compare a range of data displays including stem-and-leaf plots and dot plots *(ACMSP170)* |
| 8 | Chapter 9 Test  
Chapter 3 – Fractions  
3.1- Understanding Fractions Q2-Q10  
3.2- Working with fractions Q1-Q6 | Pearson Homework Book (Page 15 & 16) | Compare fractions using equivalence. Locate and represent positive and negative fractions and mixed numbers on a number line *(ACMNA152)* |
| 9 | 3.3- Estimating and comparing fractions Q1-3, Q4-Q9  
Halfway Test (Fractions) | | |
| 10 | Semester Review  
Semester Review Assessment | Revision Package | | |

Homework will be issued on a regular basis, and students will be expected to write any homework in their diaries. This year homework will be completed in the students ‘Pearson Homework Book’. It is essential that all homework is completed in order to help students prepare for the following days lesson.

Please note: An extension will only be allowed if a note from a parent/guardian is supplied before the due date.

Kind Regards

Adam Lewis  
Year 7 Mathematics Teacher  
Year 7 Coordinator