

## S1 Level 2 – Pupil Information Sheet for Block 1

<b>WHOLE NUMBERS AND ROUNDING 1</b>	<b>MNU 2-01a</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Understand place value for numbers up to 100 000  
 Add and subtract whole numbers with up to 5 digits  
 Round numbers to nearest 10 or 100 and use these to estimate answers


**TJ 2a Pages 6 - 13**

<b>ALGEBRA 1</b>	<b>MTH 2 -15a</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Use function machines  
 Find a missing value in simple equations and calculations  
 Solve simple equations


**TJ 2a Pages 88 - 96**

<b>TIME</b>	<b>MTH 2-10a,b</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Revision of 12 hour time  
 Read and write in both 12 and 24 hour time  
 Calculate short time intervals  
 Read and interpret timetables and TV guides  
 Read and interpret calendars  
 Add and subtract minutes and seconds


**TJ 2a Page 28 - 36**

<b>COORDINATES</b>	<b>MTH 2-18a</b>	<b>MTH 3-18a</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Find the coordinates of a point  
 Understand x and y axes and x and y values  
 Plotting points on a coordinate grid  
 Drawing coordinate pictures


**TJ 2a Pages 145 - 151**

<b>ANGLES AND TRIANGLES</b>	<b>MTH 2-17a,b,c</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Recognise different types of angles – acute, obtuse etc  
 Name angles using 3 letters  
 Use a protractor to measure an angle  
 Use a protractor to draw an angle  
 Know the 8 compass points and how to make a quarter or half turn


**TJ 2a Pages 52 - 61**

<b>WHOLE NUMBERS AND ROUNDING 2</b>	<b>MNU 2-03a</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Multiplication of 4 or 5 digits by a single digit  
 Division of 4 or 5 digits by a single digit  
 Multiply and divide by 10, 100 or 1000  
 Solving problems using +, -, x, ÷


**TJ 2a Pages 20 - 27**

<b>REVISION FOR S1 LEVEL 2 BLOCK 1 TEST</b>	
<b>Topic</b>	<b>Questions from TJ Book 2a</b>
Whole numbers and rounding 1 & 2	Page 6 Q6                      Page 8 Q3, 4 Page 9 Q1                    Page 11 Q1, 2 Page 12 Q1                  Page 13 All questions Page 20 Q2                  Page 22 Q2 Page 24 Q2                  Page 25 Q2 Page 27 Q1,2,3,4
Algebra 1	Page 89 Q3, 4                Page 91 Q2 Page 92 Q6, 7              Page 94 Q1a – i, 2a – f Page 96 Q1, 3, 4, 6
Time	Page 29 Q1a – i              Page 30 Q3 a – i Page 31 Q1, 3                Page 33 Q1 Page 34 Q2, 3                Page 35 Q1, 3, 4 Page 36 Q1, 2, 3, 4, 6, 7
Coordinates	Page 145 Q1                  Page 146 Q3 Page 147 Q1                  Page 151 Q1, 2
Angles and Triangle	Page 53 Q4                    Page 54 Q3 Page 55 Q1                    Page 56 Q2 Page 58 Q1, 3,                Page 60/61 Q2, 3, 6, 7

## S1 Level 2 – Pupil Information Sheet for Block 2

<b>FRACTIONS</b>	<b>MNU 2-07a,b</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Identify shaded fractions of a shape  
 Use multiplication to find equivalent fractions  
 Use division to simplify fractions  
 Find a unitary fraction of an quantity  
 Find any fraction of a quantity


**TJ 2a Pages 97 - 106**

<b>2D SHAPES – TRIANGLES AND CIRCLES</b>	<b>MTH 2-16a</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Naming 2-D Shapes  
 Describing triangles by their sides  
 Describing triangles by their angles  
 Naming triangles  
 Naming parts of a circle


**TJ 2a Pages 80 - 87**

<b>2D SHAPES – LENGTH, PERIMETER AND AREA</b>	<b>MNU 2-11b,c</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Measuring, drawing and estimating lengths of a line  
 Convert between units of length  
 Find the perimeter of a shape  
 Find the area of a shape by counting square centimetres  
 Find the area of a square and a rectangle using a formula  
 Find the area of a right-angled triangle from a rectangle


**TJ 2a Page 113 – 129**

<b>MULTIPLES AND FACTORS</b>	<b>MTH 2-05a</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Find multiples of a whole number and common multiples of 2 or 3 different numbers  
 Find factors of a whole number and common factors of 2 or 3 different numbers  
 Use multiples and factors to solve number problems


**TJ 2a Pages 168 - 172**

<b>3D SHAPE AND VOLUME</b>	<b>MNU 2-11b,c</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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- Order 3D shapes by their volume (bigger/smaller)
- Covert between litres and millilitres
- Find the volume of a cube or cuboid by counting cubic centimetres
- Find the volume of a cube or cuboid using a formula


**TJ 2a Pages 130 - 140**

<b>REVISION FOR S1 LEVEL 2 BLOCK 2 TEST</b>	
<b>Topic</b>	<b>Questions from TJ Book 2a</b>
Fractions	Page 98 Q1 a – f      Page 101 Q3, 4 Page 102 Q2          Page 104 Q2 Page 106 Q1, 2, 4, 8
2D shapes – triangles and circles	Page 81 Q5              Page 82 Q4 Page 83 Q1              Page 84 Q3 Page 87 Q1, 3, 4, 6
2D Shapes – length, perimeter and area	Page 116 Q2 a – d, Q3 a – d Page 117 Q4 a – d, Q5 a – d, Q7 a – d Page 119 Q1, 2          Page 121 Q1, 3, 4, 6 Page 123 Q2              Page 125 Q3 Page 127 Q1,2          Page 129 Q3, 4, 6
Multiples and Factors	Page 168 Q4, 6          Page 169 Q3, 4, 6 Page 170 Q1, 2          Page 172 Q1, 3, 5, 6, 9
3D Shapes – volume	Page 130 Q5              Page 132 Q2 Page 133 Q6, 7          Page 134 Q1 Page 137 Q1, 2, 3      Page 140 Q1, 4, 5, 6, 7

## S1 Level 2 – Pupil Information Sheet for Block 3

<b>INFORMATION HANDLING</b>	<b>MNU 2-20a,b MTH 2-21a</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Organise and interpret information from line graphs, bar charts and tables  
 Interpret simple pie charts  
 Draw line graphs, bar charts and pie charts  
 Understand that graphs can be misinterpreted or can be misleading  
**TJ 2a Pages 173 - 187**  
**TJ 2b Pages 156 - 159**


<b>DECIMALS</b>	<b>MNU2-03b</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Read and interpret decimal numbers on a scale  
 Rounding to a whole number and to a given number of decimal places  
 Add and subtract decimals  
 Multiple and divide decimals by 10, 100 and 1000  
 Multiply a decimal by a single digit  
 Divide a decimal by a single digit  
 Solving problems which contain decimals  
**TJ 2a Pages 37 – 50, 62 – 68**  
**TJ 2b Pages 31 – 37**


<b>INTEGERS</b>	<b>MNU 2-07a,b,c</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Interpret negative numbers  
 Moving up and down a thermometer  
 Adding and subtracting using a thermometer  
**TJ 2b Page 81 – 84 Not Ex 3**


<b>PERCENTAGES</b>	<b>MNU 2-07a,b,c</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Review of fractions, decimals and percentages  
 Changing percentages into fractions in their simplest form  
 Calculating a simple percentage without a calculator  
 Calculating a simple percentage with a calculator  
**TJ 2b Pages 121 - 126**


<b>SYMMETRY</b>	<b>MTH 2-19a MTH 3-19a</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Review of lines of symmetry in a shape  
 Reflect shapes in vertical, horizontal and oblique lines of symmetry


**TJ 2b Pages 14 - 19**

<b>ALGEBRA 2</b>	<b>MTH 2-15a MTH 3-15a</b>	<b>NS</b>	<b>OT</b>	<b>VG</b>
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Two step number machines  
 Solving basic equations in the form  $x + 3 = 15$ ,  $2x = 6$   
 Solving two-step equations  
 Using algebra to solve word problems  
 Solving inequalities


**TJ 2b Pages 108 - 113**

**REVISION FOR S1 LEVEL 2 BLOCK 3 TEST**

<b>Topic</b>	<b>Questions from TJ Book 2b</b>	
Information handling	Page 156 Q1, 2 Page 158 Q8, 9	Page 157 Q5, 6 Page 159 Q12, 13
Decimals	Page 32 Q6, 8, 9 a – f Page 34 Q20, 21 Page 36 Q29, 31, 32, 34, 35	Page 33 Q13, 14, 18, 19 Page 35 Q23, 25, 26 Page 37 Q39
Integers	Page 81 Q1 Page 83 Q2, 3	Page 82 Q2 a – c Page 86 Q1, 2, 5, 6
Percentages	Page 121 Q2 Page 125 Q8, 9	Page 123 Q2 Page 126 Q6, 8, 9, 10, 11
Symmetry	Page 16 Q2 Page 19 Q1, 2	Page 17 Q4
Algebra 2	Page 111 Q1 a–f, Q2 a–f Page 114 Q2, 3 Page 118 Q2, 3, 4, 6, 9	Page 112 Q2 Page 116 Q1 a–f, Q2 a–f