S2 Level 4 – Pupil Information Sheet for Block 3

FRACTIONS	**MTH 4-07b**	**NS**	**OT**	**VG**
Simplifying fractions				
Add and subtract fractions with the same denominator				
Add and subtract fractions with different denominators				
Multiplying and dividing fractions				

TJ 4+ Pages 178 - 183
L&L Level 4 Pages 62 - 68

PYTHAGORAS' THEOREM	**MTH 4-16a**	**NS**	**OT**	**VG**
Find the hypotenuse of a right-angled triangle				
Find a shorter side in a right-angled triangle				
Problem solving using Pythagoras' Theorem				
Calculate the distance between coordinate points				

TJ 4+ Pages 91 - 100
L&L Level 4 Pages 208 - 215

ALGEBRA 2	**MTH 4-15a**	**NS**	**OT**	**VG**
Solving equations up to and including brackets				
Solving equations with fractions				
Solving inequalities				

TJ 4+ Pages 55 - 61
L&L Level 4 Pages 199 - 206

VOLUME AND SURFACE AREA	**MNU 3-11a,b MTH 4-11b**	**NS**	**OT**	**VG**
Calculating the surface area of cubes and cuboids				
Calculating the volume of cubes and cuboids				

TJ 4+ Pages 121 - 125
L&L Level 4 Pages 133 – 136

PROPORTION	**MNU 4-08a**	**NS**	**OT**	**VG**
Sharing an amount in a given ratio				
Unitary Proportion				
Direct Proportion				
Linear graphs of direct proportion				
Indirect (Inverse) proportion				

TJ 4+ Pages 111 - 117
L&L Level 3 Pages 69 - 77

REVISION FOR S2 LEVEL 4 BLOCK 3 TEST

Topic	Questions from TJ Book 4+	
Fractions	Page 181 Q2 Page 183 Q2, 4, 6	Page 182 Q4, 8 Page 184 Q4, 5, 6, 9
Pythagoras' Theorem	Page 94 Q4, 5, 6 Page 99 Q4, 5	Page 98 Q8, 9, 10 Page 100 Q1, 3, 4, 5
Algebra 2	Page 56 Q5, 6, 7, 10 Page 61 Q1, 3	Page 60 Q7
Volume and Surface Area	Page 122 Q1, 2, 3, 4, 6 Page 131 Q1, 2	Page 123 Q13, 14, 16, 17
Proportion	Page 111 Q2 Page 116 Q4, 5, 6	Page 113 Q2, 3, 4 Page 117 Q3, 4, 6, 8