S2 Level 3 – Pupil Information Sheet for Block 3

Time, Speed and Distance	MTH 2-10	NS	OT	VG
Basic calculation of distance (= speed x time) - whole hours only				
Basic calculation of time (= distance ÷ speed) - whole hours only				
Basic calculation of speed (= distance ÷ time) - whole hours only				
Mixed problems involving time-distance-speed triangle				

TJ 2b Pages 87-95

3 Dimensions	MNU 2-16b	NS	OT	VG
Consolidation of 3 dimensional shapes				
Nets of cubes and cuboids				
Nets of triangular prisms and other shapes (cones, prisms etc)				
Skeletons of solids + practical work - straws, rolled up paper				

TJ 2b Pages 146 - 153

Fractions	MTH 3-07	NS	OT	VG
Revision of Fractions -Equivalence and Simplifying				
Converting Mixed to Top Heavy and vice versa				
Adding and Subtracting Mixed Fractions with same denominators				
Adding Subtracting Mixed Fractions with different denominators (Extension)				
A problem with Subtraction (Extension)				

TJ 3a Pages 78-87

Ratio	MTH 3-08	NS	OT	VG
Understanding Ratio				
Simplifying Ratio				
Solving problems using Ratio				

TJ 3a Pages 96-103

Algebra	**MTH 3-14a MTH 2-15a**	**NS**	**OT**	**VG**

Simplify Expressions like 3x+ 5y-4x-y
Expand Brackets* and simplify 5(2x+ 5) + 2 (3x-4)
Equation Solving up to x+ 3 = 7, 3x= 15, 3x-4 = 11,
Evaluate simple formulae using substitution e.g $2x2$ when x= -3

TJ 3a Pages 54-61

Maths Past Present and Future	**MTH 2-12a**	**NS**	**OT**	**VG**
Investigation into historical mathematical figure/number/event etc				

REVISION FOR S2 LEVEL 3 BLOCK 2 TEST	
Topic	**Questions from TJ Book 3a**
Time, Speed and Distance	Pages 133 – 134 Q1 b, d, f Q2, 3, 5, 8, 10
3 Dimensions	<mark>Book 2b</mark> Page 147 Q3, Page 149 Q3, Page 151 Q5.
Ratio	Page 96 Q4, Page 97 Q6, Page 98 Q3, 5 Page 99-100 Q1, 3, 5
Algebra	Page 54 Q1 b, e, h, k, n, q, t Page 56 Q1a, d, g, j, m, p Page 56 Q2a, d, g, j, m, p Page 57 Q1b, e, h, k, n Page 58 Q1b, e, h, k, n Page 58 Q2h, k, n, p Page 60 Q3, Q4
Fractions	Page 78 Q1a, f, k, p Page 78 Q2a, d, e, f Page 79 Q1 Page 80 Q5 Page 81 Q9 Page 82 Q2, Q3