S2 Level 3 – Pupil Information Sheet for Block 1

CHANCE AND UNCERTAINTY	MNU2-22a MNU 3-22a	NS	OT	VG
Calculate the probability of a simple event happening				
Simplifying probabilities				

TJ 2b Pages 160 - 163
L&L Level 3 Pages 299 - 303

TIME 1	MNU 2-10a,b	NS	OT	VG
Calculating longer time intervals including overnight				
Reading and interpret timetables				
Add and subtract minutes and seconds				
Reading stopwatches and timing events				

TJ 2b Pages 20 - 30

MONEY 1	MNU 2-09a,b,c	NS	OT	VG
Recognise details from bank cards				
Understanding the uses of debit and credit cards				
Solve problems involving budgeting				
Calculate profit and loss				
Understand and calculate discounts				
Understand and calculate hire purchase				
Exchange pounds into foreign currencies and back into pounds				

TJ 2b Page 65 - 80
L&L Level 3 Pages 102 - 115

NUMBER WORK	MNU 2-01a	NS	OT	VG
Understand place value for numbers up to 1 000 000 and beyond				
Multiple and divide by multiples of 10, 100 and 1000				
Round to nearest 10, 100 and 1000				
Problems with a calculator				
BODMAS – order of operations				

TJ 2b Pages 3 - 10
L&L Level 3 Pages 16 - 25

ANGLE PROPERTIES		MNU 2-17b	NS	OT	VG

Drawing triangles using rulers, protractors and compasses
Calculating missing angles in a right angle and on a straight line
TJ 2b Pages 41 – 50
L&L Level 3 Pages 207 - 210

REVISION FOR S2 LEVEL 3 BLOCK 1 TEST

Topic	Questions from TJ Book 2b	
Chance and Uncertainty	Page 160 Q1 Page 162 Q8, 9	Page 161 5, 6 Page 163 Q1, 3, 9
Time	Page 20 Q1, 2, 3, 4 Page 23 Q1 Page 26 Q2, 3	Page 22 Q4 Page 25 Q3, 4 Page 29/30 Q3, 4, 5, 7, 8, 11
Money	Page 67 Q1, 2 Page 69 Q2, 3, 4 Page 76 Q5 Page 79/80 Q9, 10, 13	Page 68 Q2, 4 Page 72 Q1, 2, 3 Page 77 Q5
Numbers work	Page 3 Q4 Page 6 Q4 Page 8 Q3 Page 12 Q1, 6, 8, 9	Page 5 Q2 Page 7 Q4, 5 Page 11 Q2, 3
Angle Properties	Page 41 Q4, 5 Page 45 Q3	Page 43 Q3 Page 50 Q3, 7, 8, 9, 10

S2 Level 3 – Pupil Information Sheet for Block 2

SCALE DRAWINGS	**MTH 2-17c**	**NS**	**OT**	**VG**
Calculate the real length of an object from a scale drawing				
Making basic scale drawings				
Making scale drawings with a protractor				
Making scale drawings with bearings				
Measuring and Drawing 3 figure bearings				

TJ 2b Pages 51 - 64
L&L Level 3 Pages 226 - 245

COORDINATES	**MTH 4-18a**	**NS**	**OT**	**VG**
Find the coordinates of a point in all four quadrants				
Plotting points in all four quadrants				
Drawing coordinate pictures				

TJ 2b Pages 142 - 145
L&L Level 3 Pages 248 - 253

SYMMETRY	**MTH 2-19a,b**	**NS**	**OT**	**VG**
Identify line symmetry and create symmetrical shapes				
Identify rotational symmetry and create symmetrical shapes				

TJ 2b Page 15 - 19
L&L Level 3 Pages 254 - 264

INFORMATION HANDLING	**MTH 2-21a MTH 4-20b**	**NS**	**OT**	**VG**
Read and interpret information from tables				
Read, interpret and draw line graphs				
Read, interpret and draw bar graphs				
Read, interpret and construct pie charts				
Calculating mean, median, mode and range for a set of numbers				

TJ 2b Pages 156 - 159
TJ 3b Pages 128 - 131
L&L Level 3 Pages 299 - 303

PERCENTAGES			**MNU 2-07a**	**NS**	**OT**	**VG**
Calculating percentage without a calculator						
Calculating percentages with a calculator						
Convert between fractions, decimals and percentages						

TJ 2b Pages 119 – 126
TJ 3a Pages 46 - 53
L&L Level 3 Pages 299 - 303

LENGTH, AREA, VOLUME AND WEIGHT			**MTH 2-11b**	**NS**	**OT**	**VG**
Length – measuring, finding perimeter and conversion between units						
Area – counting squares and using formula for rectangles and triangles						
Volume – making comparisons, calculating volume and converting units						
Weight – making comparisons and converting units						

TJ 2b Pages 127 - 130
L&L Level 3 Pages 299 – 303

REVISION FOR S2 LEVEL 3 BLOCK 2 TEST

Topic	Questions from TJ Book 2b	
Scale Drawings	Page 53 Q6, 7, 8	Page 60 Q1, 3
	Page 61 Q5	Page 64 Q1, 2, 5, 6
Coordinates	Page 142 Q2	Page 143 Q1
	Page 145 Q1	
Symmetry	Page 17 Q4	Page 19 All questions
Information Handling	Page 156 Q1, 2	Page 157 Q5, 6
	Page 158 Q8, 9	Page 159 Q12, 13
Percentages	Page 120 Q10, 13, 15, 16, 17	
	Page 126 Q1, 2, 4, 7, 10	
Length, Area, Volume and Weight	Page 127 Q4, 6	Page 128 Q9, 11, 12
	Page 129 Q15, 20	Page 130 Q23, 26

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