

S2 Level 4 – Pupil Information Sheet for Block 2

FRACTIONS, DECIMALS AND PERCENTAGES	MNU 4-07a	NS	OT	VG
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Find a percentage of a quantity without a calculator
 Find a percentage of a quantity with a calculator
 Convert between decimals, fractions and percentages
TJ 4+ Pages 15 - 18
L&L Level 4 Pages 54 - 61

POWERS, ROOTS & SCIENTIFIC NOTATION	MTH 4-06a,b	NS	OT	VG
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Squares, cubes and powers
 Square roots, cube roots and further roots
 Changing large numbers into Scientific notation and back into numbers
 Changing small numbers into Scientific notation and back into numbers
 Calculations with Scientific notation
TJ 4+ Pages 64 - 72
L&L Level 4 Pages 39 - 49

ALGEBRA 1	MTH 4-14a,b	NS	OT	VG
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Simplifying expressions by multiplying terms
 Simplifying expressions by removing brackets and collecting terms
 Factorising algebraic expressions by removing a common factor
TJ 4+ Pages 31 - 34
L&L Level 4 Pages 185 - 198

CIRCLES	MNU 3-11a MTH 3-11b	NS	OT	VG
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Calculating the circumference of a circle
 Calculating the diameter of a circle if given the circumference
 Calculating the area of a circle
 Calculating the radius of a circle if given the area
 Solving problems with area and perimeter of circles
TJ 4+ Pages 73 - 80
L&L Level 4 Pages 229 - 235

INFORMATION HANDLING	MTH 4-21a	NS	OT	VG
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Interpreting comparative bar charts and line graphs
 Interpreting and constructing pie charts
 Drawing scattergraphs and finding line of best fit
TJ 4+ Pages 195 - 199
L&L Level 4 Pages 301 – 305, 327 - 329

REVISION FOR S2 LEVEL 4 BLOCK 2 TEST

Topic	Questions from TJ Book 4+	
Fractions, decimals and percentages	Page 15 Q1, 6 Page 18 Q1, 2, 5, 8, 10	Page 16 Q1, 7, 8
Powers, roots and scientific notation	Page 66 Q2 Page 68 Q1,3	Page 67 Q5 Page 71 Q5, 6, 7, 12, 13
Algebra 1	Page 31 Q1, 2 Page 33 Q5	Page 32 Q1, 2, 3 Page 34 Ex 5.3 Q2,3
Circles	Page 73 Q2,4 Page 77 Q3, 4, 7	Page 74 Q7, 8, 11, 12 Page 80 Q1, 2, 4, 7, 9, 10
Information handling	Page 195 Q1,2,4 Page 197 Q1	Page 196 Q2, 5 Page 199 Q2, 3