

S2 Level 4 – Pupil Information Sheet for Block 4

USING SIMPLE STATISTICS	MTH 4-20b	NS	OT	VG
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Calculating the mean, median, mode and range of a data set
 Calculating the mean, median, mode and range from a frequency table

TJ 4+ Pages 188 – 192, 194
L&L Level 4 Pages 307 – 312, 317 - 319

TOLERANCE	MNU 4-01a	NS	OT	VG
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Understanding the idea of tolerance in a real life situation
 Calculating max/min values using tolerance notation

TJ 4+ Pages 42 - 45
L&L Level 4 Pages 16 - 17

PATTERNS	MTH 4-13a	NS	OT	VG
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Identify linear patterns of the form $y = mx$
 Identify linear patterns of the form $y = mx + c$
 Identify non-linear patterns
 Investigate more complex patterns

TJ 4+ Pages 132 - 138
L&L Level 4 Pages 156 - 163

TRIGONOMETRY	MTH 4-16a	NS	OT	VG
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Identify the relationship between sides and angles in a R.A.T
 Using the Tangent ratio to find a side or an angle
 Using the Sine ratio to find a side or an angle
 Using the Cosine ratio to find a side or an angle
 Using the trig ratios to find the hypotenuse
 SOHCAHTOA – choosing the correct trig ratio

TJ 4+ Pages 150 - 165
L&L Level 4 Pages 217 - 226

PREPARATION FOR NATIONAL 4 AVU

Topic	Questions from TJ Book 4+
Fractions, decimals and percentages	Q1, 3, 4, 5, 8 on Page 18 Q3, 9 on Page 63 Q2, 7, 8 on Page 90 Q2, 7 on Page 149 Q2, 5 on Page 204
Algebra	Q2 on Page 32 Q1 on Page 61 Q5, 6, 7 on Page 134 Q19(a) – (e) on Page 205
Perimeter, Area, Volume	Q1, 2, 4, 5 on Page 80 Q6 on Page 88 Q1, 2 on Page 131 Q27, 28 on Page 206
Pythagoras and Trigonometry	Q1, 2, 3, 4 on Page 100 Q1, 2, 3 on Page 165 Q1, 2, 3 on Page 185 Q64, 65 on Page 210
Time, Distance and Speed	Q1, 2, 3, 4 on Page 110 Q10 on Page 148 Q33, 34, 35 on Page 206
Graphs, Statistics and Probability	Q1, 2, 3, 4 on Page 194 Q1, 2, 3 on Page 199 Q16, 17, 3, 4, 7 on Page 202 Q57, 59, 62 on Page 209

LINEAR RELATIONSHIPS	MTH 4-13b,c,d	NS	OT	VG
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Find the gradient of a slope

Find the gradient of a line between two points

Sketching straight lines from a table of values

Identify the equation of a straight line in the form $y = mx + c$

TJ 4+ Pages 16 - 53

L&L Level 4 Pages 164 – 167, 172 - 181