S2 Level 4 – Pupil Information Sheet for Block 4

USING SIMPLE STATISTICS — MTH 4-20b

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

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

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

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

SCATTER GRAPHS — MTH 4-20b

Describing correlation
Constructing Scatter graphs and plotting the line of best fit
L&L Level 4 Pages 295 – 298, 328-331

LINEAR RELATIONSHIPS	**MTH 4-13b,c,d**

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