S2 Level 3 – Pupil Information Sheet for Block 4

THE CIRCLE – CIRCUMFERENCE **MNU 3-11a MTH 3-11b**

Investigate the circumference of a circle
Use a formula to find the circumference of a circle
Find the perimeter of half and quarter circles

TJ 3a Pages 88 – 92, 95

THE CIRCLE – AREA **MNU 3-11a MTH 3-11b**

Investigate the area of a circle
Use a formulae to find the area of a circle
Find the area of half and quarter circles and other composite shapes

TJ 3a Pages 125 - 132

VOLUME **MNU 3-11a MTH 3-11b**

Calculate the volume of a cube, cuboid
Calculate the volume of a composite shape made up of 2 or more cuboids
Find the capacity of a container (liquid volume)

TJ 3a Pages 104 – 106, 110 - 112
L&L Level 3 Pages 139 - 140

MONEY **MNU 3-09b MTH 4-09b**

Calculate different salary rates (weekly, monthly etc)
Calculate bonuses, commission and wage increases
Calculate overtimes
Calculate gross pay, deductions and net pay
TJ 3a Pages 113 – 124

ANGLES **MTH 3-17a**

Find complementary and supplementary angles
Calculate a missing angle around a point
Find missing angles using vertically opposite angles
Find missing angles in a triangle
TJ 3a Pages 23 - 30
L&L Level 3 Pages 209 – 210, 217 - 218

REVISION FOR S2 LEVEL 3 BLOCK 4 TEST	
Topic	**Questions from TJ Book 3a**
Circumference of a Circle	Page 89 Q2, Page 90 Q4, 5, 8, 10 Page 91 Q2, 5, Page 92 Q6 (extension) Page 95 Q1, 2, 5
Area of a Circle	Page 126 Q2 Page 127 Q3, 4, 5 Page 128 Q1, 3, 5 (extension)
Volume	Page 104 Q1, 3 Page 105 Q4d, e, 5d, e Page 106 Q7a, c Page 111 Q3, 4, 5, 6
Money	Page 113 Q2, Page 114 Q4, 8, 10, Page 115 Q13, 14 Page 117 Q4, 8, 9 Page 118 Q1, 3, 4 Page 120 Q1 Page 122 Q2, 3, 8 Page
Angles	Page 23 Q1, Page 24 Q4a-h Page 25 Q1, Page 26 Q1 Page 27 Q4, Page 28 Q7-10 (extension)

PERIMETER AND AREA **MNU 3-11a MTH 3-11b**

Find the area and perimeters of a square, rectangle and triangle
Find the area of a rhombus and a kite
Find the area of a parallelogram
Find the area of a trapezium
Find the area of a composite shape made up of two or more other shapes
TJ 3a Pages 67 - 76
L&L Level 3 Pages 126 - 144