S2 Level 3 – Pupil Information Sheet for Block 3

TIME, DISTANCE AND SPEED — MTH 2-10

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 **Corbettmaths.com Video 299**

3 DIMENSIONS — MNU 2-16b

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 **Corbettmaths.com Videos 3 and 4**

FRACTIONS — MTH 3-07

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 **Corbettmaths.com Videos 132,135,139,140,146**

ALGEBRA — MTH 3-14a MTH 2-15a

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,
TJ 3a Pages 54-61 **Corbettmaths.com Videos 9,13,16,20**

MATHS PAST PRESENT AND FUTURE — MTH 2-12a

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	Book 2b 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