Group: 10Y1 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Shapes** | **Red** | **Amber** | **Green** |
| Understand and use units of area |  |  |  |
| Calculate perimeters and areas of rectangles |  |  |  |
| Calculate perimeters and areas of compound shapes |  |  |  |
| Understand and use units of volume |  |  |  |
| Calculate volume of cuboids |  |  |  |
| Understand and use plans and elevations |  |  |  |
| Recognise and name polygons |  |  |  |
| Find missing angles in polygons |  |  |  |
| **Algebra** | **Red** | **Amber** | **Green** |
| Simplify algebraic expressions |  |  |  |
| Write equations from information |  |  |  |
| Solve equations with x on both sides |  |  |  |
| Multiply brackets including negative terms |  |  |  |
| Work out the formula for a sequence (nth term) |  |  |  |
| Understand < and > signs |  |  |  |
| **Numbers** | **Red** | **Amber** | **Green** |
| Write a number as a product of its prime factors |  |  |  |
| Find the HCF and LCM |  |  |  |
| Use index notation and the laws of indices |  |  |  |
| Change between standard form and ordinary numbers |  |  |  |
| Use significant figures and decimal places |  |  |  |
| Multiply fractions and mixed numbers |  |  |  |
| **Probability and Statistics** | **Red** | **Amber** | **Green** |
| Calculate the three averages: mean, median, & mode |  |  |  |
| Decide which average is best to use |  |  |  |
| Calculate the probability of an event |  |  |  |
| Draw a possibility space |  |  |  |
| Draw a scatter graph |  |  |  |
| Draw a line of best fit |  |  |  |