Maths Medium Term Planning

Year Group: Six   Term: Summer

Objectives to be reviewed from home learning during Spring Term – possibly covered through consolidation projects from White Rose when produced

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Weeks 8 – 12
Number - Statistics Read and interpret line graphs Draw line graphs Use line graphs to solve problems To use the terms x and y axis frequency and data in context To illustrate and name parts of a circle To understand the relationship between the different parts of a circle Read and interpret pie charts Pie charts with percentages linked to finding a percentage of an amount Draw pie charts Understand and calculate the mean as an average		**Geometry – Properties of shape** To measure angles with a protractor To draw and measure lines accurately linked to the accurate drawing of angles To draw and calculate angles on a straight line To calculate angles around a point using known facts To calculate the size of an angle, angles around a point and angles on a straight line using known facts To calculate vertically opposite angles To calculate interior angles in a triangle To calculate angles in an isosceles and scalene triangle using opposite sides as the same length To identify quadrilaterals To calculate angles in a quadrilateral using known facts and measuring To use knowledge of properties of shape to calculate the interior angles of polygons To draw shapes including given angle sizes and length of sides To identify the properties of 3d shapes using nets			**Number – Percentages** Review fractions of amounts to link to percentages of amounts Solve problems involving the calculation of percentages (for example, of measures and such as 15% of 360) and the use of percentages for comparison Find the whole or missing percentage when other values are given	**Number – Decimals** Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to 3 decimals places Multiply numbers with up to 3-decimal places by whole numbers (link to money) Divide numbers with up to 3-decimal places by whole numbers (link to money)	**Consolidation and themed projects to be completed**