Park House School - Year 10 December Assessments

Maths Assessment Manifest

- You will have 2 Maths papers
- Each paper will be 40 marks and 45 minutes
- You are expected to spend 1 minute on each mark and then 5 minutes checking your answers.

Number

Topics	Red	Amber	Green
I can convert between fractions, decimals and percentages			

Algebra

Topics	Red	Amber	Green
I can simplify algebraic expressions			
I can change the subject of a formula			
I can expand a single bracket			
I can draw straight line graphs and read the gradient and y-intercept off a graph			
I can solve linear equations			
I can form and solve linear equations			
I can solve a pair of simultaneous equations			

Ratio and proportion

Topics	Red	Amber	Green
I can share amounts into a ratio			
I can increase/decrease numbers by a percentage and calculate percentage change			
I can calculate simple interest, compound interest and depreciation			
I can answer problems involving direct and inverse proportion			
I can convert metric units			

Geometry

Topics	Red	Amber	Green
I can find missing angles on a straight line, around a point, in triangles and in quadrilaterals			
I can draw and measure bearings and answer bearing problems			
I can find missing sides of a triangle using trigonometry			
I can find missing angles of a triangle using trigonometry			
I can use a compass to perform constructions and loci			
I can find the area and circumference of circles and parts of circles			
I can find the volume and surface area of pyramids, cones and spheres			