

Park House School - Year 8 End of Year Assessment

Maths Assessment Manifest

- You will have 1 calculator paper
- The paper will be 60 marks
- The paper will be 50 minutes

Checklist

Number

Topics	Red	Amber	Green
I can write numbers in standard form			
I can calculate with numbers in standard form			

Algebra

Topics	Red	Amber	Green
I can find the nth term of arithmetic sequences			
I can solve linear equations			
I can solve equations with unknowns on both sides			
I can plot coordinates on all four quadrants			
I can find the midpoint of two coordinates			
I can draw straight line graphs			
I can find the gradient of a straight line			
I can simplify expressions involving indices			

Ratio and proportion

Topics	Red	Amber	Green
I can solve basic proportion problems			
I can share in a ratio			
I can solve ratio problems when given one side			
I can calculate which products are the best value for money			
I can calculate percentages of amounts			

Geometry

Topics	Red	Amber	Green
I can find missing angles on a straight line and in a triangle			
I can find angles in quadrilaterals and polygons			
I can find angles in parallel lines			
I can know the properties of 3D shapes			
I can reflect a shape in a given line			
I can find the area of basic shapes including parallelograms			
I can find the area and circumference of circles			
I can calculate the volume and surface area of prisms			

Statistics

Topics	Red	Amber	Green
I can draw and interpret Venn diagrams			
I can draw and interpret stem and leaf diagrams			