

Park House School - Year 9 January Assessments

Maths Assessment Manifest

- You will have maths papers which is a calculator paper
- The paper will be 60 marks
- The paper will be 55 minutes

Checklist

Number

Topics	Red	Amber	Green
I can convert between fractions, decimals and percentages			
I can order fractions, decimals and percentages			
I can find fractions of amounts with a calculator			
I can find percentages of amounts with a calculator			
I can find percentage change with a calculator			
I can find original values in percentage calculations			
I can find the percentage an amount has been changed by			
I can do simple interest calculations			
I can multiply and divide numbers in standard form			
I can add and subtract numbers in standard form			

Algebra

Topics	Red	Amber	Green
I can solve inequalities with unknowns on both sides			
I can solve double inequalities			
I can construct and solve inequalities			
I can factorise quadratic equations of the form $x^2 + bx + c$			
I can factorise the difference of two squares			
I can factorise to solve quadratic equations of the form $x^2 + bx + c = 0$			
I can change the subject of formulae with one step			
I can change the subject of formulae with two or more steps			

Geometry

Topics	Red	Amber	Green
I can construct bisectors of angles			
I can construct perpendicular bisectors and lines			
I can find the arc length of sectors			
I can find the area of sectors			
I can find the surface area of cylinders			
I can find the volume of cylinders			

Probability

Topics	Red	Amber	Green
I can find the expected result from repeated experiments			
I can calculate experimental probabilities			
I can find missing values in frequency trees			