

Self-Assessment - Key Stage 3 - Term 3

Algebra - Expressions and Formula

Geometry and Measures - Angles and constructions

Learning Intentions	Achieved
<u>Know that algebraic operations follow the same conventions and order as arithmetic operations.</u>	
Can use simple index notation for small positive integer powers.	
Can substitute integers into simple formulae and positive integers into expressions involving small powers (e.g. $3x^2 + 4$ or $2x^3$).	
<u>Can use algebraic notation, including fractions.</u>	
Can rearrange simple formulae to change the subject.	
Able to use alternate and corresponding angles in parallel lines.	
<u>Able to use the interior and exterior angles properties of polygons.</u>	
Able to solve problems using the geometrical properties of quadrilaterals.	
Able to draw constructions using a ruler and compasses: <ul style="list-style-type: none">- the bisector of an angle.	
Able to draw constructions using a ruler and compasses: <ul style="list-style-type: none">- the midpoint and perpendicular bisector of a line.	
Able to draw constructions using a ruler and compasses: <ul style="list-style-type: none">- the perpendicular from a point to a line.	