Athena Sixth Form College

DOWNHAM MARKET ACADEMY

Topic Title:	
Geometry - Loci and Constructions	
Geometry - Pythagoras and Parallel lines	

Keyword	Definition
Loci	A set of points which satisfies a given condition, this is usually a set of points that is a given distance away from another point.
Bisect	Split something into two
Perpendicular Bisector	A line that bisects another line at a right angle
Angle bisector	A line segment that bisects an angle
Pythagoras's Theorem	The sides labelled a, b and c of a right angle triangle satisfy the given equation $$a^2 + b^2 = c^2$$
Side labelled 'a or b' on a right angled triangle	Either one of the sides that is NOT the longest side
Side labelled 'c' on a right angled triangle	Opposite the right angle or the longest side
Angles on a straight line	Add to 180 degrees
Angles around a point	Add to 360 degrees
Vertically opposite angles	Are the same
Angles in a triangle	Add to 180 degrees