What must I be able to do?	Key vocabulary	
You may need to revise the following:  • Year 7 Topic 11: Constructions and Classifying 2D Shapes  New content:  • Construct a triangle knowing all 3 sides by using a compass  Mathswatch 147 (GCSE)	Bisector	The <u>line</u> which splits something in <u>half</u> .
<ul> <li>Construct an angle bisector</li> <li>Mathswatch G2Gc (KS3)</li> <li>Construct a perpendicular bisector</li> <li>Mathswatch 14Ga (GCSE)</li> </ul>	Loci (plural locus)	All the possible positions or points which fit a rule.
<ul> <li>Construct a 90° angle from a point</li> <li>Mathswatch 146b (GCSE)</li> <li>Draw a locus for a given rule</li> <li>Mathswatch 165 (GCSE)</li> </ul>	Equidistant	The <u>same distance</u> from something at all times.
Set the compass the lengths of 2 <sup>nd</sup> and 3 <sup>rd</sup> sides by using a ruler		Use a ruler to connect the ends of the base to the overlap
Angle bisector Compass stays the same siz	e for these 2 arcs	
Perpendicular bisector  Compass over half the length of the line	Compass mi same size a	· ·
90° angle from a point	-	•

