

Core concept 6.4: Constructions

This document is part of a set that forms the subject knowledge content audit for Key Stage 3 maths. The audit is based on the NCETM Secondary Professional Development materials and there is one document for each of the 17 core concepts. Each document contains audit questions with check boxes you can select to show how confident you are (1 = not at all confident, 2 = not very confident, 3 = fairly confident, 4 = very confident), exemplifications and explanations, and further support links. At the end of each document there is space to type reflections, targets and notes. The document can then be saved for your records.



importantly, to engage in some early discussions about the basic properties of these shapes.

Subject Knowledge Audit (Key Stage 3 Mathematics)



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- c) To construct the perpendicular from P to line AB:
 - Draw an arc, centre P, to cross AB at two distinct places.
 - Find the perpendicular of the segment of AB that is between these two points of intersection. This line is the perpendicular of the given line through a given point.



Further support links

• NCETM Secondary Professional Development materials: 6.4 Constructions, pages 11–16

Notes