Bisectors
Using your compass, draw a circle in your book.

Label all the parts you can remember.

Extension: Find out the words in German.

Radius
Diameter
Circumference
Chord
Arc
Sector
Segment

Main 1: triangles using a compass

Draw a triangle with sides of lengths 8cm, 5cm and 6cm

Main 2: key words related to this topic

Key Words

Lines
Perpendicular

Bisector
Loci

L.O.
• all pupils can draw triangles using a compass
• all pupils understand key words related to this topic
• most pupils can create perpendicular bisectors of lines
  • most pupils can bisect angles

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**Main 3:** Create perpendicular bisectors of lines

Draw a line in your book with a point above it.

How could you draw a perpendicular bisector for this line, going through this point?

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**Apr 11-11:15**

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**Feb 14-08:16**

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Draw an acute angle in your book

How could you bisect this angle, with the same angle either side of the bisection?

This circle must cover at least half of the angle.

The same size

Practice by drawing 3 perpendicular bisectors and 3 angle bisectors.

Extension: Write either a paragraph, or, bullet points as to how you created your perpendicular bisectors and angle bisectors.
Plenary:

Draw a perpendicular line bisector through a line without a point above it.