

Engineering

Circle components - vocabulary cards

Content and alignment

Knowledge and use of the correct terminology for geometric concepts is an important aspect of preparing learners for employment in the engineering field. The set of words on page 2 relates specifically to circles, yet can be combined with further word lists to create engaging tasks for learners.

Intent

The cards below are designed to be used in a range of activities that support learners in familiarising themselves with the meaning, use, and pronunciation of the terms. This resource can be used in a variety of ways to support learners develop knowledge of geometric terms associated with circles.

Suggested activities

Activity 1

1. Hand out the circles (p. 3), have learners fold them, and discuss the names of the parts of the circle.
2. Hand out a set of cards to each group and have them match the terms to the component parts.

Activity 2: Last card

The objective of this game is to place the last card on each of the circles.

1. Place five marked circles on the board
2. Five groups of learners each receive a full set of vocabulary cards
3. Each group takes a turn to place a card on *any* of the circles
4. The group that places the last card on any circle (the seventh) gets one point

This game will develop learners' strategic thinking and can be played in many contexts.

Vocabulary cards for circles

Chord

Sector

Diameter

Radius

Arc

Circumference

Segment

Circle fold lines

