

Mathematical PowerPoints

PP 8-1 *What is an Angle?*

PowerPoint

PowerPoint 8-1, *What is an Angle?*, is designed to introduce the concept of angle as a measure of turn. It establishes the relationship between some key types of angle and the fractions of a turn that these involve.

PP 8-2 *Degrees*

PowerPoint

PowerPoint 8-2, *Degrees*, introduces the concept of a degree as a measure of angle, and explains that a degree is just one – very small – fraction of a turn.

PP 8-3 *External Angles*

PowerPoint

PowerPoint 8-3, *External Angles*, uses a standard induction approach to explain dynamically why the external angles of a polygon always add up to a whole turn.

PP 8-4 *Internal Angles Part 1*

PP 8-5 *Internal Angles Part 2*

PowerPoints

PowerPoint 8-4, *Internal Angles Part 1*, gives a dynamic representation of the process of turning through the internal angles of a triangle, and suggests that learners follow this up by exploring the process with polygons with greater numbers of sides.

PowerPoint 8-5, *Internal Angles Part 2*, suggests one way to think about the relationship between the number of sides in the polygon and the number of whole and half turns in its internal angles.