



To: Teachers and subject advisors (Standard)

Topic:

Message Objective(s): To enable teachers instil a deeper understanding among learners of defining and classifying polygons in terms of their sides, angles, and diagonals.

Message:

For this topic, to be successfully handled, teachers are encouraged to prepare in advance on the resources to be used for the topic. Provision of accurately constructed figures is highly recommended in order that learners will be able to investigate the properties of triangles and quadrilaterals according to their length of sides and size of angles as well as diagonals in cases of quadrilaterals.

This topic should be handled practically allowing learners to investigate and come up with their definitions of given triangles and quadrilaterals. Through investigation and exploration Grade 8 learners must be able to establish with confidence the sum of interior angles of triangles. Grade 9 learners should be able to establish the sum of interior angles of quadrilaterals and be able to distinguish the 5 quadrilaterals according to their diagonals.

The role of the teacher should be to facilitate and guide learners during the activities to ensure deep mastery of the properties of polygons. The recovery planners and trackers provide guidelines on the activities to refer to for learner activities. The website has been provided below for reference by teachers where hard copies have not been received. It is hoped that teachers have been taken through the topic by subject advisors during term 3 and 4 training.

From: Richard Marumani

Reference: : www.nect.org.za/materials. (links to website documents)