To: Teachers and parents

Topic: Theorem of Pythagoras

Message Objective(s): To enable learners to apply the theorem of Pythagoras to solve different types of problems involving triangles in given contexts using appropriate formulae.

Message:
Learners should be able to use the theorem of Pythagoras to solve problems involving unknown lengths in given geometrical figures that contain right angled triangles. Teachers should guide learners understand through investigating the relationship between the lengths of the sides of a right-angled triangle to develop the Theorem of Pythagoras. They should also be able to determine whether a triangle is right-angled triangle or not if the lengths of the three sides of the triangle are known.

Homework practice provides activities where learners use the Theorem of Pythagoras to calculate the missing length in a right-angled triangle with the support of parents, where applicable.

From: Richard Marumani

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