



To: Teachers and subject advisors

Topic: Use of 4 basic operations for problem solving in context (Rebooting)

Message Objective(s): To enable teachers guide learners on the use of the 4 basic operations when solving problems in context.

Message:

The 4 basic operations are the key skills which learners must acquire to solve mathematical word problems. Teachers are encouraged to use word problems in context for learners to be able to apply the ideas and solve mathematical problems when dealing with whole numbers and fractions. Activities to engage learners on should include financial, measurement, fractions and data handling which they have covered in term 4.

Prepare many worksheets with word problems involving addition, subtraction, multiplication and division. These will give learners enough practice and sharpen their calculation strategies to solve problems in context. At the basis of all these activities is the understanding of the need to create learners who are confident, critical thinkers and problem solvers. Provide as many word problems as possible to cater for different cognitive levels as learners prepare for the upcoming end of year assessments.

Exemplar items are provided in the RPAT for reference where need be.

From: Richard Marumani

Reference: : [www.nect.org.za/materials](http://www.nect.org.za/materials).