



**To:** Teachers and subject advisors (Rebooting the System)

**Topic:** Functions and Relationships (Senior Phase)

**Message Objective(s):** To enable teachers to help learners determine, interpret, and justify equivalence of different descriptions of the same relationship or rule presented in flow diagrams, tables or by formulae

**Message:**

The purpose of this week's lessons is to provide activities that will enhance learners reduce common misconceptions as we teach functions and relationships. At the basis of all activities that teachers will provide, is the understanding of the need to create learners who are critical thinkers. Simplified, clear diagrams to show input and output values should form the basis of other proceeding concepts. They should be able to determine input values, output values or rules for patterns and relationships using simple flow diagrams, tables which gradually lead to application of formulae to solve given situations.

The NECT recovery planners and trackers gives clear guidelines on how the concepts could be covered in a developmental manner using the concrete-representational-abstract classification. The website has been provided below for reference purposes for those that do not have hard copies of the materials.

From: Richard Marumani

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