To: Teachers and parents

Topic: Surface area and volume of 3-D objects (Revision and practice)

Message Objective(s):
To enable teachers expose learners on using appropriate formulae and conversions between SI units to consolidate key ideas on 3-D shapes.

Message:

Teachers to expose learners to use appropriate formulae to calculate the surface area, volume and capacity of cubes and rectangular prisms as part of skills mastery. They should identify and describe the interrelationship between surface area and volume of rectangular prisms, triangular prisms and cylinders.

Teachers are encouraged to provide opportunities for learners to use and convert between appropriate SI units, including:mm2 ↔ cm2 ↔ m2 ↔ km2, mm3 ↔ cm3 ↔ m3, ml (cm3) ↔ l ↔ kl. It is encouraging that they receive more work on worksheets to do at home for consolidated purposes during the holiday. Teachers are encouraged to inform parents of the worksheets given to learners for extra support at home.

From: Richard Marumani

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