TERM 4	Week 1 4 days	Week 2 5 days	Week 3 5 days	Week 4 5 days	Week 5 5 days	Week 6 5 days	Week 7 5 days	Week 8 5 days	Week 9 3 days
Hours per topic	**8.5 hrs.**		**9 hrs.**		**9 hrs.**		**4.5 hrs.**	**8 hrs.**	
% Coverage	**4.3 (79.3%)**		**5.3 (84.6%)**		**15.4 (100%)**				
Topics, concepts and skills	**AREA AND PERIMETER OF 2D SHAPES** **Area and perimeter** • Calculate the perimeter of regular and irregular polygons • Use appropriate formulae to calculate perimeter and area of: – squares – rectangles – triangles **Calculations and solving problems** • Solve problems involving perimeter and area of polygons • Calculate to at least 1 decimal place • Use and convert between appropriate SI units, including: – $mm^2 \leftrightarrow cm^2$ – $cm^2 \leftrightarrow m^2$		**SURFACE AREA AND VOLUME OF 3D OBJECTS** **Surface area and volume** • Use appropriate formulae to calculate the surface area, volume and capacity of: – cubes – rectangular prisms • Describe the interrelationship between surface area and volume of the objects mentioned above **Calculations and solving problems** • Solve problems involving surface area, volume and capacity • Use and convert between appropriate SI units, including: – $mm^2 \leftrightarrow cm^2$ – $cm^2 \leftrightarrow m^2$ – $mm^3 \leftrightarrow cm^3$ – $cm^3 \leftrightarrow m^3$ • Use equivalence between units when solving problems: – $1\ cm^3 \leftrightarrow 1\ ml$ – $1\ m^3 \leftrightarrow 1\ kl$		**DATA HANDLING: Collect data**; **PROVIDE LEARNERS WITH DATA TO SAVE TIME** • Identify the largest and smallest scores in a data set and determine the difference between them in order to determine the spread of the data (range) **Represent data** • Draw a variety of graphs by hand/ technology to display and interpret data (grouped and ungrouped) including: – bar graphs and double bar graphs – histograms with given intervals – pie charts **Interpret data** • Critically read and interpret data represented in: – words – bar graphs – double bar graphs – pie charts – histograms **Analyse data** • Critically analyse data by answering questions related to: – data categories, including data intervals – data sources and contexts – central tendencies (mean, mode, median) – scales used on graphs **Report data** • Summarize data in short paragraphs that include – drawing conclusions about the data – making predictions based on the data – identifying sources of error and bias in the data – choosing appropriate summary statistics for the data (mean, median, mode)		**REVISION**	**FORMAL ASSESSMENT TASK** **EXAMINATION PAPER 1 AND PAPER 2** All topics from Term 1-4
Prerequisite skill or pre-knowledge	• perimeter using rulers or measuring tapes • Find areas of regular and irregular shapes by counting squares on grids • Relationship between perimeter and area of rectangles and squares		• Conversions between SI units of length • Area of 2D shapes by counting the number of squares • 3 D objects Volume of 3D objects by counting the number of cubes		Complete Data cycle				