## Assessment

A task
Mental computation
End of Term Test

7th week of Term<br>Last week of Term<br>Last week of Term

## Chapter

## Strand <br> Sub-Strand

## Content Description

## Number and Algebra

Real Numbers

Measurement \& Geometry Pythagoras \& trigonometry

Measurement and Geometry Geometric Reasoning

Statistics and Probability
Data Representation and Interpretation
$\star$ Solve problems involving direct proportion.
$\star$ Explore the relationship between graphs and equations corresponding to simple rate problems.
$\star$ Understand the difference between direct and inverse proportion, identifying these in real-life contexts and using these relationships to solve problems.
^ Investigate Pythagoras' Theorem and its application to solving simple problems involving right-angled triangles.
$\star$ Understand that Pythagoras' Theorem is a useful tool in determining unknown lengths in right-angled triangles and has widespread applications.

* Recognise that right-angled triangle calculations may generate results that can be integral, fractional or irrational numbers known as surds.
$\star$ Use the enlargement transformation to explain similarity and develop the conditions for triangles to be similar.
* Solve problems using ratio and scale factors in similar figures.
* Identify everyday questions and issues involving at least one numerical and at least one categorical variable, and collect data directly from secondary sources.
$\star$ Construct back-to-back stem-and-leaf plots and histograms and describe data, using terms including 'skewed', 'symmetric' and 'bi modal'.
$\star$ Compare data displays using mean, median and range to describe and interpret numerical data sets in terms of location (centre) and spread.


## Review

Chapter 10
(2 weeks)

All of above

All of above

