

**MA1**

Consumer Arithmetic, Algebra & Matrices, Shape & Measurement

Goals

Learning Brief

**Week**

**Term**

**2020**

14

2

Unit goals

* Understand the concepts and techniques introduced in consumer arithmetic, algebra and matrices, and shape and measurement.
* Apply reasoning skills and solve practical problems .

This week:

* Labelling sides of triangles
* Find a side of a right- angled triangle using Pythagoras’ Theorem
* Pythagoras’ theorem in three dimensions



“Today’s maths lesson is – hey, who

wrote junk on the maths board?”

Theoretical Components

Practical Components

There are questions to be answered in the booklet pdf in GC *Week 14 Notes & Exercises*

**Order**

1. Complete the questions in the *Google classroom*
2. Complete the Investigation
3. Do the Mathspace quiz
4. Upload your completed booklet for marking.

**Resources**:

For this week the theory work is in the *PDF file on GC :* Week *14* Notes & Exercises

**Knowledge Checklist**

* Opposite and adjacent sides in relation to an angle
* Hypotenuse – longest side, opposite the right angle
* Pythagoras
* Calculating the hypotenuse and shorter sides
* Applications of Pythagoras’ theorem
* Using Pythagoras’ theorem in 3-dimensions

Investigation

On HawkerMaths and attached to the booklet

There is a quiz on Mathspace.

On-line Quiz