

**MA1**

Consumer Arithmetic, Algebra & Matrices, Shape & Measurement

Goals

Learning Brief

**Week**

**Term**

**2020**

17

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 and next

* Revision & Test



Practical Components

Theoretical Components

**Resources**:

*PDF file*: All the Notes and Exercise files

**Knowledge Checklist**:

Week 09

* Algebraic expressions
* Collecting like terms
* Simplifying expressions
* Substitution

Week 10

* Using formulas
* Solving equations

Week 11

* The order of a matrix
* Interpreting matrices
* Addition and subtraction of matrices

Week 12

* Scalar multiplication of matrices
* Matrix multiplication

Week 13

* Encoding and decoding messages
* Using matrices for encoding and decoding

Week 14

* Labelling triangles
* Pythagoras’ theorem

Week 15

* The Metric System
* Perimeter and area

Week 16

* Volume and capacity
* Appropriate units

**There is a set of revision questions to work on for**

**Week 17.**

All Booklets and Investigations should be finished by the time of the Test.

You should ensure that you have all 8 investigations in your folder, neatly presented. Remember that your investigations from this Term make up 20% of your grade.

You also need to have completed all the weekly quizzes as marks for these will be included in the 20%.

Spend the time necessary to prepare a ‘cheat sheet’ that will be useful to you.

**You need a calculator for the Test (not a phone)**

Investigation

The revision questions will be treated as an Investigation.

None this week.

On-line Quiz