

MATHEMATICAL STUDIES



11 - 12 TRANSITION WORK

Introduction

The aim of this work is to ensure that you have a strong understanding of the parts of GCSE Maths which are most important to Core Maths.

It will help consolidate your skills in Numeracy, Algebra and Data.

Complete the online course by the end of August.

1 - Prepare for learning

For this subject you will need the following:

- Pen, pencil, ruler
- Casio fx-991 CW+ ClassWiz Calculator (this will be provided for you if you are in receipt of Post 16 bursary)

Bring this with you to your first lesson

2 - Tasks for learning

Please work through the Mathematical Studies Transition Work booklet. This is available on the Transition Work website. As well as some revision of key GCSE topics, it provides a couple of activities which allow you to start thinking about how to apply Maths to real-life situations.

3 - Expand your mind

These tasks are not compulsory, but if you would like to delve a little deeper into your subject here are some suggestions:

- books to read
 - Why do Buses Come in Threes? by Rob Eastaway and Jeremy Wyndham
 - Humble Pi: A Comedy of Maths Errors, Matt Parker
- programmes / films to watching
 - Magic Numbers: Hannah Fry's Mysterious World of Maths, freevee
 - The Secret Genius of Modern Life, BBC iPlayer
 - Hidden Figures, Disney+ (available to rent on other services)