

Sir Joseph Williamson's Mathematical School

Department of Mathematics

Recommended Calculators

$$3 - 2 = 1$$

→

$$\sin^2\theta + \cos^2\theta = 1$$

→

$$\frac{1}{\sqrt{2\pi}} \int_{-\infty}^{+\infty} e^{-\frac{1}{2}t^2} dt = 1$$

With the new A-Level Mathematics course, you will need a new scientific calculator to allow you to solve questions faster and more efficiently than the one you have used at GCSE. There are also questions in the statistics section of the course which you will not be able to solve without a calculator which has the probability distributions within it.

The scientific calculator that many of our students use, which we recommend, is the **Casio fx-991EX Classwiz**, this is available on the high street and online.

It must be emphasised that a scientific calculator which has the functions of the calculator we are recommending is an essential requirement for the new A-Level Mathematics course.



**Casio fx-991EX
Classwiz**

Graphical calculators including the **Casio fx-CG50**, which we recommend, also contains the required functions and additional programming facilities. This graphical calculator can be very useful, in particular if you study A-Level Further Mathematics.

However, it must be noted that a graphical calculator is not an essential requirement for either the new A-Level Mathematics or A-Level Further Mathematics course.



**Casio fx-CG50
Graphical Calculator**

We will be able to offer the opportunity to purchase a calculator through the school at a price to be confirmed in September.