

## **CALCULATORS**

Please see below some advice and recommendations for calculators.

### **Year 8**

The majority of work in year 8 will not require a calculator, however, there are one or two topics where we would expect a calculator to be used, for example, finding the square or square root of a number. Whilst any calculator with these functions is acceptable, if you plan to **buy** a calculator then please see the requirements for Year 9 – 12. Year 8 examinations will be **non-calculator**.

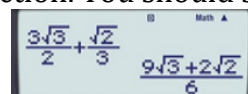
### **Years 9,10,11 and 12**

Each pupil must have and bring to every lesson a scientific calculator. It is strongly recommended that this calculator functions in 'Maths mode'. This simply means that when (for example) entering a fraction, it is entered with a numerator and denominator and the display looks like a fraction. You should see

a button like this



and the display could look like this


$$\frac{3\sqrt{3}}{2} + \frac{\sqrt{2}}{3} \quad \frac{9\sqrt{3} + 2\sqrt{2}}{6}$$

### **Years 13 and 14**

For the GCE AS and A2 examinations, CCEA state:

“Calculators used must include: • an iterative function; and • the ability to compute summary statistics and access probabilities from standard statistical distributions.”

Therefore, a more sophisticated calculator is required for pupils who study Mathematics in Year 13 and 14. Class teachers can give pupils advice on this.