



## **MATHEMATICS FACULTY**

### **Calculator Policy**

Scientific calculators are necessary in the teaching and learning of mathematics. Calculators are valuable educational tools that allow students to reach a higher level of mathematical understanding, reasoning, appreciation and application. Research shows that calculators help students, who would otherwise be turned off by tedious computations and algorithms, develop number sense more quickly and readily. However, It is important that students maintain and develop their mental arithmetic skills, rather than rely on their calculators for every calculation.

At Bomaderry High School, it is compulsory for every student studying mathematics to own a scientific calculator. Despite the implementation of BYOD, all students are required to bring their own scientific calculator to every mathematics lesson. This is in accordance to the NSW Education Standards Authority requirement, which allows students to take with them only an approved scientific calculator, and not any other devices, to an examination. It is therefore important that students learn how to use their calculators effectively.

At Bomaderry High School, we recommend the Casio calculator *fx-82AU PLUS II* because they have all the necessary functions and are approved by the NSW Education Standards Authority. It will be an advantage for your child to have this model as other students will have the same calculator and our teachers have been trained to help them learn how to use it. Casio *fx-82AU PLUS II* calculators may be purchased from the school for \$24 through the front office.