

# Mathematics at Sackville

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# Why is Maths important?

Maths and English are compulsory for five years of secondary school – they are globally considered the tenets of a basic secondary education.

Achieving a grade 4 in Maths GCSE, will allow you more opportunities for post 16 pathways!

As well as helping you with your real-life finances in the future, Maths more importantly helps you develop logical structures to reason and solve problems through a range of strategies.

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# DID YOU KNOW...

The 2024 GCSE results for Sackville show that in maths 68.9% achieved a grades 4 - 9: the national average is 59.6%

70% of our students achieved their targets and above

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# DID YOU KNOW...

- The Progress 8 score in mathematics was a positive **0.03** This means one in four grades was one higher than expected.

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# When do we Assess our students?



- In Year 11, you sit your real Maths GCSE but every year we do Formative and Summative Assessments.
- These Assessments determine your Maths set and give us an idea of how you are doing.
- Year 7 – 10 will do a **Knowledge-check** and **Application** assessment every half term.
- Year 11 – first Mocks November 2024 (all subjects)
  - second Mocks February 2025 (all subjects)
  - Final exams are in May/June

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# Are you ready to learn?



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## Do you have:



- ✓ Your planner
- ✓ At least 2 pens ☐ blue/black and GREEN pen
- ✓ A pencil
- ✓ A rubber
- ✓ A ruler
- ✓ A CASIO scientific calculator

**You can buy this from ParentPay.**

- At the very least students should have all of the items above.
- Having these will allow students to get most out of every Mathematics lesson.

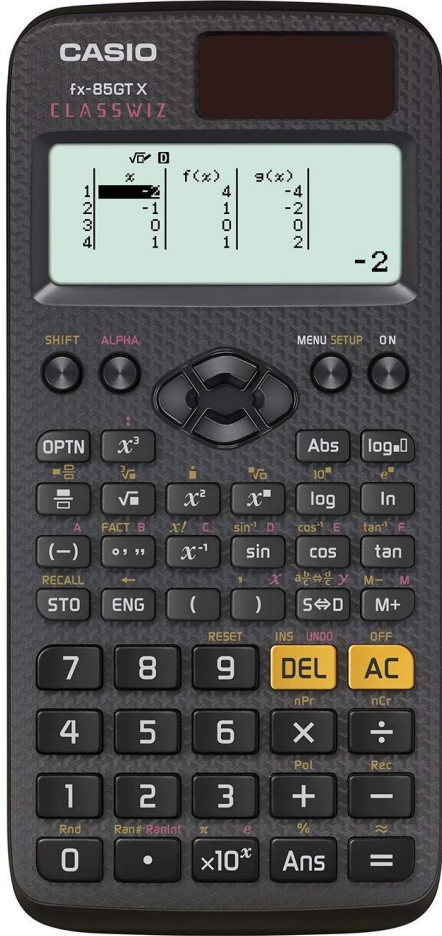
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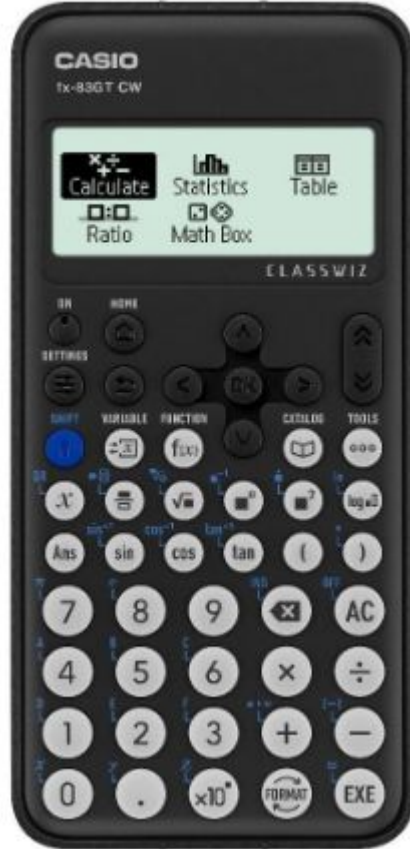


# Specialist Maths Equipment



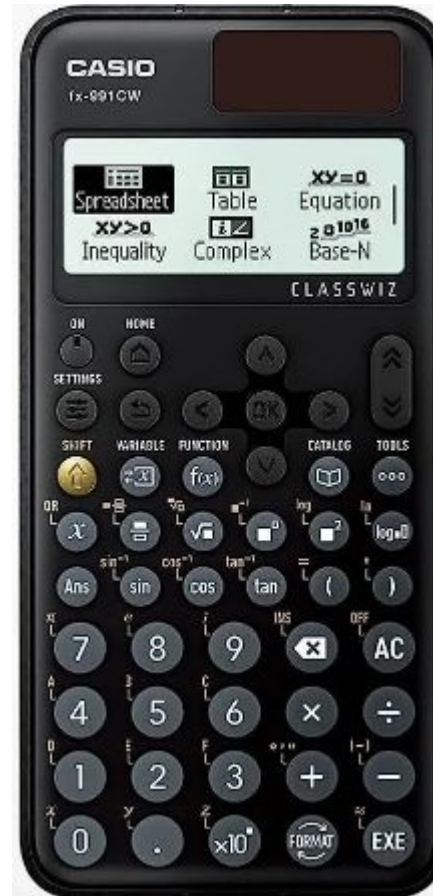
FX-85 GTX  
Old model – can't be bought anymore but still fine!

**Recommended**



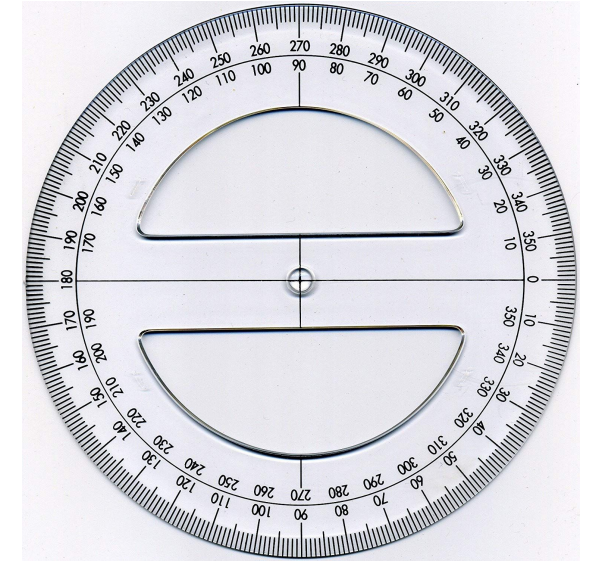
FX-83 GT CW  
New version  
£10

Students need to bring a calculator to every Maths lesson but we won't always use it.

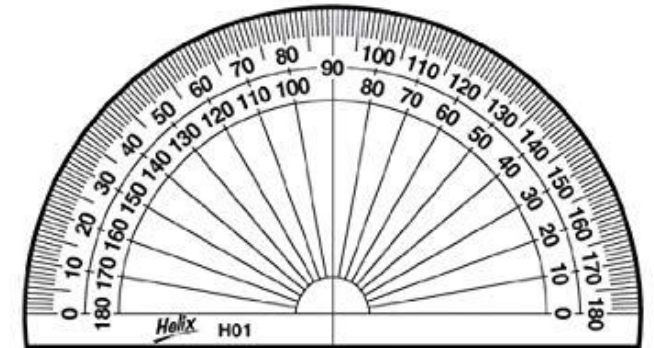


FX-991CW  
New version  
£21

This one's better, it lets you measure reflex angles



This is the one we give out in exams, so you need to practise using it



Students will be told one week in advance when you need to bring a protractor to lesson

# How do we support our young Mathematicians?



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- Maths homework club every Monday and Wednesday after school
- Interventions support on Mondays after school
- STEM club every Thursday from 3pm to 4pm

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# Our STEM Club – Building a hovercraft



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# Independent Learning



MathsWatch



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1. Homework is set on Maths Watch
2. Teachers will set homework for you once a week
3. Maths Watch can be completed on any device phone, tablet etc.
4. Teachers will set a deadline for completion, usually a week
5. If students haven't completed the homework, they will given time to come to the Homework Club sessions on Monday or Wednesday from 3 – 4pm to complete this

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