



# Cape Cornwall School

## Maths and Computing Department



Cape Cornwall School is an 11-16 school situated in a beautiful and unique location in the west of Cornwall and only ten minutes or so from the busy and vibrant town of Penzance with its rail and transport links. We have around 300 students on roll and this is increasing year on year. All staff work very closely together to ensure the best possible outcomes for our students. We have a caring and inclusive ethos and can personalise learning to ensure all students can fulfil their potential.

The Maths and Computing faculty has five members of teaching staff. The Maths classrooms are situated along one corridor. Our curriculum, built on our Repeat Concepts and the White Rose Maths Curriculum, equips students with the necessary knowledge and skills to succeed at this stage of their education and beyond. The team have developed high quality digital resources that are shared across the faculty and each classroom is equipped with a computer and an interactive digital screen. Teachers and students are all issued with iPads and we maximise the potential of these devices in all lessons. In our recent Ofsted Inspection (January 2023), maths was one of the 'Deep Dive' subjects and formed part of the evidence base that judged Quality of Education to be 'Good' across the entire school.

Students are taught in ability groups in Years 7 – 9 and study the full curriculum. Students in Year 10 & 11 study foundation or higher tier. We are ambitious in our drive to 'Teach to the Top' with work scaffolded for those who need additional support. We are focusing on fun, engaging teaching that incorporates digital technology, manipulatives and build on cognitive and metacognitive principles. The maths faculty have strong relationships with students, parents and the rest of the staff, which help to create excellent learning and progress through the curriculum.

There are strong links with the local primary schools and we have been re-establishing the extracurricular activities and links, which were postponed temporarily during the pandemic. We run the UKMT intermediate and junior maths challenges, Pi day and the NSPCC Number Day to develop the profile of Maths across the school. We are looking to become an NCETM recognised Problem Solving school. We use the Sparx Maths platform to deliver weekly home learning to all students.

Truro and Penwith Academy Trust now has five secondary schools and staff regularly meet to network and share best practice.

We are currently engaged in a significant 'Digital Transformation' with all staff and students having iPads to augment provision. All teachers are training to become 'Apple Teachers' and it is our ambition to become an 'Apple Distinguished School'. We are also introducing Walkthrus based on the books by Oliver Caviglioni and Tom Sherrington and all staff have access to the coaching and training resources on Steplab.

We are seeking to appoint a teacher with energy, passion for their subject and enthusiasm who can bring an innovative and fresh approach to the delivery of the maths curriculum at Cape Cornwall School and who can inspire our students during their time with us and beyond.

For more information about the Maths Faculty at Cape Cornwall School, please contact Ms Vicki Jilbert, Head of Maths and Computing: [vjilbert@cape.tpacademytrust.org](mailto:vjilbert@cape.tpacademytrust.org)

**The small school that empowers students to achieve big things.**