

Senior Cycle Maths at Coola PPS

Mathematics at Senior Cycle builds on the learning at Junior Cycle and develops mathematical knowledge, skills and understanding needed for continuing education, life and work. Through their study of mathematics, students develop a flexible, disciplined way of thinking which enables them to solve problems in mathematical and real world contexts. The syllabus is provided at three levels – Higher, Ordinary and Foundation level and is also assessed at these levels.



Maths Rooms

The Maths Department in Coola Post Primary are fortunate to be equipped with high speed broadband, interactive whiteboards, data projectors and on line books.

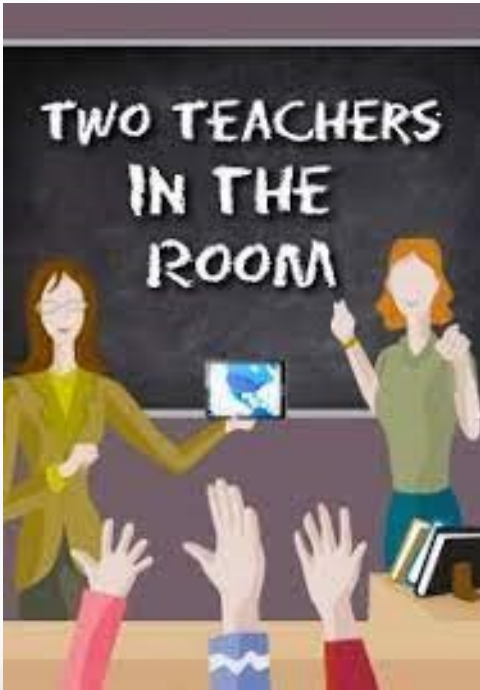
This enables teachers to use the most up to date methodologies and materials to deliver a quality service to our students.

The on line Platform of Microsoft Teams is used to keep students up to date with schoolwork, homework and notes. They are able to communicate with the Maths Department through the ‘Chat’ function, should they need and can keep abreast of work if they are absent.



Team Teaching

Where possible in Coola, Team Teaching is encouraged at Ordinary Level. Two teachers work together to best meet the needs of the individual students. One teacher can explain the principles of the work being studied, while the other teacher can walk around and observe any student experiencing difficulties. There are huge benefits to this approach, as all students are being included in the main lesson, while any difficulties being experienced on an individual level can be explained immediately. This approach has enabled Coola Post Primary students to achieve their best result year on year. We are fortunate that a number of staff in the Maths Department are also qualified Learning Support Teachers



Levels in Maths

“We encourage our students to achieve their maximum individual potential in an environment of fairness and mutual respect”

This is the Mission Statement in Coola Post Primary and is carried through the Maths Department, where students are encouraged to always aim for their best. We have a high percentage of students who opt for Higher Level year on year and achieve their ultimate best. Students who decide to take Ordinary Level or Foundation Level maths are equally supported and encouraged to reach their potential. The results in the school reflect the wonderful co-operation and respect which can be witnessed in each maths class.

Cross Curricular Links

Maths is interlinked with many subjects across the Curriculum at Senior Level. Teachers across Departments such as Physics, Accounting, Business, Engineering, DCG, Home Economics, to mention but a few, work together to ensure similar teaching methodologies are used to scaffold teaching in each subject. Maths is a corner stone to many subjects and hence the teachers work closely together to ensure teaching and learning is as co-ordinated as possible.



Maths in Everyday Life

- Nursing
- Farming
- Engineering
- Building
- Teaching
- Banking
- Accountants
- Insurance
- Quantity Surveyors
- Vets
- Doctors

