 

**Mathematics Department Information**



**Department Results**

The Mathematics Department at Carnforth High School performs consistently well with a history of good results. The department have made recent changes to improve the 9-5% figure and ensure the best possible outcomes for all students.

**Current Curriculum**

The Mathematics curriculum follows a 5 year plan. Students study the 6 key areas of the mathematics curriculum each year; Number, Algebra, Ratio, proportion and rates of change, Geometry and measures, Probability and Statistics. We work with the White Rose scheme of learning where mastery and recall provide a strong platform for embedding learning for students of all abilities.

Students currently sit the Edexcel GCSE qualification at the end of year 11. Progress of learning is adapted and monitored closely across all year groups to ensure all student reach their best potential to match their ability. Regular recall and assessment of taught units throughout the year ensures we can monitor progress and intervene in a timely manner, where needed.

Students turn their attention towards exam technique and GCSEs in years 10 and 11. We want them to be well prepared. Year 10 students sit practise exams (mocks) at the end of the year to provide a realistic guide of their progress towards the GCSE exams in year 11. In year 11, a focused weekly revision planner is prepared for all students to support them with independent study. We also provide weekly exam paper technique support and past paper practise sessions.

Across all key stages we aim to develop resilience in their mathematical thinking, link learning to real contexts, and incorporate problem solving into lessons.

**Resources**

The Mathematics Department has 6 classrooms all sited in one area of the school. All rooms are fitted with a dual screen computer, projector, speakers and interactive whiteboard as well as one or two ordinary whiteboards.

We try to ensure that each teacher has their own classroom for their lessons and that they are able to individualise their classroom space to suit their own teaching styles.

There is also a departmental office with computers for members of the Mathematics Department to use, as well as a large storeroom with various resources for the teaching of mathematics.