

Kirkbie Kendal School
Curriculum Intent Statement

Maths

Without mathematics, there's nothing you can do. Everything around you is mathematics. Everything around you is numbers. – Shakuntala Devi

When students leave KKS we expect them to be fluent in the international language of mathematics. We want students to be numerate, have strong problem solving skills and be able to apply mathematical techniques to everyday situations in the real world. We want them to have confidence in their maths skills and have strong results at GCSE and/or A-Level to enable their next steps in education and beyond.

- To create a positive attitude to mathematics and to develop, maintain and stimulate pupils' curiosity, interest and enjoyment in mathematics
- To develop pupils' familiarity, skills and fluency with appropriate numerical and mathematical concepts, principles, methods and vocabulary
- To develop pupils' understanding of mathematics in its widest context, to see how it relates to themselves outside school and to appreciate the purpose, power and relevance of mathematics
- To appreciate the rigour of mathematical proof and be able to present a reasoned argument.
- To enable pupils to work independently and as part of a team
- To ensure all pupils have equal access to mathematics and to experience success in their work.