

Maths Curriculum Statement of Intent-

Students at Gloucester Academy will have a knowledge led and meaningful mathematical education. To be able to connect with the subject enhances the life of every one of our students. Being able to transfer mathematical skills learnt in lessons to other disciplines around the school helps students to find patterns, think creatively and communicate their reasoning succinctly. Out of school mathematics helps us to understand the world we live in, to solve problems, test hypotheses and make calculations in child- and adulthood. We want students at Gloucester Academy to be curious and have an appreciation of the wonders and beauty of mathematics.

To do this we aim for all students to:

- Make secure, logical connections based on their knowledge and understanding of mathematics through completing a carefully selected variety of tasks that increases in demand over time.
- Retrieve and apply their knowledge quickly and accurately, each time making their work more sophisticated.
- Have the confidence to explain and reason their method, written or spoken, using the correct mathematical language.
- Gain confidence and be successful in their mathematics education to the highest level they wish, whilst gaining resilience and determination.

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