

Mission Statement:
Creating tomorrow's successful and caring citizens today.



GFM Maths Policy

Policy Updated By	Latest Publish Date	Monitoring Cycle
Jacqueline Morris	January 2024	Bi-Annually

Schedule for Development / Monitoring / Review

This policy was ratified on:	January 2024
The implementation of this policy will be monitored by the:	Principal and Senior Leadership Team
The Policy will be reviewed bi-annually, or more regularly in the light of any significant new developments. The next anticipated review date will be:	January 2026
Should serious incidents take place, the following external persons/agencies should be informed:	Akram Tarik (Principal) and in his absence (Vice Principal)

This policy is applied at GFM alongside our school's vision, mission and values. Interwoven with the principles of High Performance Learning; values, attitudes, attributes and A.C.P. Characteristics.

Rationale

Mathematics is a cornerstone of our school curriculum, aligning with the UK National Curriculum, as it plays a pivotal role in developing critical thinking, problem-solving skills, and logical reasoning. Our commitment to Mathematics education stems from the recognition that numeracy is an essential skill for success in various academic and real-world contexts, laying the foundation for lifelong learning and analytical thinking.

Early Years Foundation Stage (EYFS):

In the Early Years Foundation Stage, our focus in Mathematics is on fostering a positive attitude towards numeracy. Through play-based and hands-on activities, students engage with foundational mathematical concepts such as counting, pattern, sorting, and recognizing shapes. Emphasis is placed on developing number sense and spatial awareness in an enjoyable and interactive learning environment.

Vision

'At GFM we empower students to have the heart to celebrate uniqueness and the mind to be innovative, creative problem solvers, bringing a positive change to the world in which we live.'



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Primary Phase

For primary students, our Mathematics curriculum builds upon foundational skills, introducing more complex concepts such as addition, subtraction, multiplication, division, data handling, shape and measures. Students are encouraged to apply mathematical thinking to real-world problems, fostering a practical understanding of mathematical principles. Collaborative activities and mathematical games promote teamwork and the development of problem-solving strategies.

Secondary Phase

In the secondary phase, our Mathematics program becomes more specialized, offering students the opportunity to explore advanced mathematical concepts and applications. The curriculum includes topics such as algebra, geometry, statistics, and calculus. Students are encouraged to develop mathematical reasoning skills, solve complex problems, and apply mathematical principles to various fields. Connections between mathematics and other disciplines are explored to highlight the interdisciplinary nature of the subject.

Assessment

Assessment in Mathematics is comprehensive, encompassing both formative and summative evaluations. Students are assessed on their understanding of mathematical concepts, skill strands, problem-solving skills, and the ability to communicate mathematical reasoning. Assessments include written exams, practical problem-solving tasks, and projects that require the application of mathematical principles to real-world scenarios.

Enrichment:

To enrich the Mathematics experience, opportunities for participation in mathematics competitions, workshops with guest mathematicians, and extracurricular activities like math clubs are provided. These experiences aim to deepen students' appreciation for the subject, foster a sense of curiosity, and showcase the relevance of mathematics in various academic and professional pursuits.

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Parental Involvement:

We recognize the importance of parental support in promoting numeracy skills. Regular updates on the Mathematics curriculum, tips for supporting mathematical learning at home, and opportunities for parental involvement in math-related events are provided. Workshops on understanding mathematical concepts and strategies for assisting children in their mathematical journey are organized to strengthen the collaboration between the school and parents.

In conclusion, our Mathematics policy reflects our commitment to equipping students with strong numeracy skills, critical thinking abilities, and a deep appreciation for the beauty and utility of mathematics. Through a comprehensive curriculum, thoughtful assessment strategies, enriching experiences, and active parental involvement, we aim to empower our students to approach mathematical challenges with confidence and enthusiasm. Please read alongside our Curriculum Policy.

Policy review date: January 2026

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