

Maths Curriculum Map



Intent

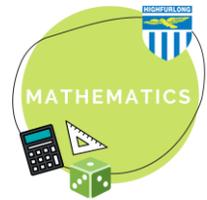
At Highfurlong School we aim to provide Maths lessons which support and challenge learners to become as fluent as possible in the fundamentals of Mathematics, to reason mathematically and to problem solve. We want all students to develop confidence through investigation and practical exploration so that they can confidently recall mathematical procedures, use mathematical language effectively and explain and reason. Pupils are given the opportunity to build upon prior knowledge in a sequenced and structured way. They will be taught the importance of Maths in the wider world and the skills they learn in school will be transferable to a range of contexts. We are committed to provide pupils with curiosity and confidence when learning about Maths. Through our varied curriculum we put particular focus on developing pupils' key life skills, such as telling the time and recognising and handling money. Pupils are allowed the space and opportunity to recognise and learn from their mistakes to help develop resilience.

Implementation

This curriculum map shares the overall mathematics area which is covered in each term. It presents the build up of vocabulary and also allows us to map out expectations of coverage for teachers and learners. It reflects both our Academic and Sensory Pathways and teachers use the information and additional progression maps to plan lessons that are suitable, supportive and challenging for all learners. Planning is further adapted to reflect the varied strengths and needs of learners, to ensure they all make progress towards their Personal Learning Plan targets. All classes have a minimum of 3 Maths lessons per week. We also include an Active Maths session during our Move Day which provides pupils with chance to apply their learning or recap prior learning. From Early Years Foundation Stage (EYFS) to Key Stage 3 our Maths curriculum links to topics, where appropriate, which change at least every term. Within our 'beyond' curriculum offer learners access a range of activities which go beyond the Sensory or Academic pathway. This includes; trips, events, career and work related learning opportunities and much more Pupil attainment will be measured using our own bespoke assessment system which allows us to evidence progress and identify any support that may be needed. Resources are carefully chosen to allow consistent teaching of Maths skills. We have a calculations policy which also provides learners with consistency in teaching within Maths. Teachers and Support Assistants are provided with training in teaching and supporting Maths at different phases.

Impact

The impact of our Maths Curriculum is that all learners make progress in Maths, through the most appropriate pathway, and develop an understanding of number as well as critical thinking and problem solving skills. Highfurlong pupils will leave with the ability to apply their maths skills in real life contexts to enable them to live as independently as possible. All pupils will become effective mathematicians through their use and understanding of number and language. They will have a good level of specific, Maths based vocabulary and will be able to apply this through verbal reasoning. Teachers will demonstrate good subject knowledge across the curriculum show confidence in delivering fun and engaging lessons which are tailored to the needs and abilities of all learners. Support Assistants will have the skills and knowledge to support the delivery of Maths teaching and intervention sessions. Students will leave Highfurlong School with the Mathematical qualifications which will allow them to realise their potential. They will have a range of learning experiences which will provide them with the tools and skills to be successful in their learning and to be as independent as possible in the community.



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Age Progression

Teaching and learning coverage

