

- Learn:** Work to the best of my ability in all my lessons
 Behave in a way that does not disrupt the learning of others
- Grow:** Respect myself, others and school environment
 Help create a caring community
- Succeed:** Focus on being the best I can be
 To be proud of my achievements and those of others

Intent

At Laleham Gap School mathematics is used to communicate ideas and to equip pupils with the necessary skills to deal with a range of practical tasks they will encounter in everyday life. We aim to ensure all students leave Laleham Gap School with a qualification in Maths that reflects their Mathematical ability and enables them to access further education. We want our students to appreciate the importance of numeracy skill, enjoy their learning and be able to apply their skills to enhance their everyday life.

Our approach is to use the strengths and positive aspects of each child, both in their academic learning and socialisation skills. The mathematics department acknowledges the varied and changing requirements of the pupils and their Additional Educational Needs, pupils are taught, as appropriate, using a variety of resources and styles.

Teaching considers the demands of the National Curriculum and externally accredited courses with work being suitably differentiated by staff, to enable pupils to access and develop the numeracy skills they need. The department is very fortunate to have a number highly experienced, well-qualified teachers and support staff both full and part-time. We offer a range of Maths qualifications and follow flexible schemes of work. This reflects the varying needs, abilities and challenges of our young people.

Mathematical skills and knowledge will be applied, reinforced and extended making links, where appropriate, with other curriculum areas. These curriculum links are evident on the Scheme of Work Route Maps and in the shared document detailing cross curricular skills. Key cross circular subjects are ICT, Science, Food Technology and Learning for Life / Personal Development.

As a department we are committed to the philosophy that each pupil should: -

- Have a positive experience of learning Mathematics.
- Show continuous progression and improvement.
- Achieve their full potential.

Implementation

We aim to achieve this by: -

- Teaching Mathematics as laid down by the National Curriculum.
- Creating a supportive, flexible learning environment.
- Reviewing our own methods and materials.
- Ensuring that interactive teaching styles, and assessment for learning are embedded in our schemes of work and teaching.
- Identifying where students need additional support to narrow the gaps and put in place tangible achievable intervention targets and support.

Our commitment to these aims ensures that we continue to build success on success.

Impact

In particular, we wish each pupil to develop:-

- A genuine feeling of how numbers fit together; the ability to carry out calculations, understand the significance of results and estimate whether an answer is reasonable.
- The ability to apply Mathematics in everyday situations and develop an understanding of the part which Maths plays in the world.
- The ability to apply Maths to other subjects, such as Science and ICT.
- The ability to solve problems, present solutions clearly, check and interpret results.
- The ability to communicate what they have learned clearly, both in written form and orally.
- The ability to work individually and as part of a group.
- The confidence to experiment and make mistakes, and persevere when problems arise.
- The ability to produce and appreciate imaginative and creative work using Mathematical concepts.