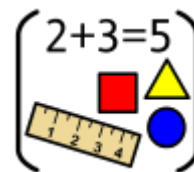


Mathematics/Numeracy



Intent

Numeracy is used in many aspects of our everyday life; at home, at work and in leisure, examples are budgeting, cooking, filling in time-sheets, recycling and arranging an appointment. Numeracy is therefore considered an important part of our curriculum and this is acknowledged in the time allocated to the subject. There are regular timetabled numeracy lessons as well as incidental numeracy arising from the coverage of other areas of the curricula. We are developing in our students

- A fluency in the fundamentals of mathematics, including time, measure, data and shape and space
- A conceptual understanding and the ability to recall and apply knowledge rapidly
- The ability to reason and problem solve by applying mathematics to a variety of increasingly complex problems
- Resilience that enables all students to reason and problem solve with increased confidence across a range of subject areas.
- An increased knowledge and understanding
- Structure and routines

Implementation

Le Murier has end of year statements which can be used to help teachers develop the curriculum for their class or individual. We have adopted BSquared for tracking in mathematics and this is completed at least three times a year. This allows teachers to track the progress of individual students and provide a more personalised program. Students are taught the range of mathematical topics (number, money, time, measure, data handling and shape and space) in small groups or on a one to one basis/ individualised, using a variety of resources. These include White Rose Maths, Numicon, Mathletics, Khan academy and TTRockstars.

In the senior department students complete an exam in functional skills mathematics at their level which ranges from Entry Level 1 to Level 1.

Impact

Well planned sequences of learning support students to develop and refine their mathematical skills. All are able to independently apply their level of knowledge and skill to a range of increasingly complex problems and are reasoning with increased confidence and accuracy. All are able to transfer their level of mathematical skills to a variety of situations in and out of school, developing their life skills.