



## **Numeracy Policy**

*'Maricourt seeks to provide and sustain a living Catholic Community which is rooted in Christian Values and where growth and knowledge, respect, love and fellowship are shared by all'*

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## Introduction

All teachers are teachers of numeracy, as it has a role to play in every subject. The staff of Maricourt Catholic High School are committed to developing numeracy skills in all of our pupils, in the belief that it will support their learning and raise standards across the curriculum. All schemes of work and many lessons include numeracy aspects.

## Rationale

*"Numeracy is different to the mathematics subject in that it is the application of the skills learned in mathematics in a cross-curricular, real-world way, and not purely about the skills themselves."* (Literacy and Numeracy framework consultation document 2012).

Numeracy underpins the school curriculum by developing pupils' abilities to transfer numeracy skills across subject areas, helping pupils to appreciate the importance of numeracy in their lives. All departments and all teachers have a crucial role to play in supporting pupils' numeracy development and every teacher has a role to play in this process.

## Principles

- Numeracy supports effective learning.
- Numeracy supports the raising of standards.
- Every teacher is a teacher of numeracy.
- Numeracy is an entitlement of all learners.
- Through becoming more numerate, pupils are more able to fulfil their potential.
- The Literacy & Numeracy framework expects learners to become more accomplished in:
  - Developing numerical reasoning
  - Using number skills
  - Using measuring skills
  - Using data skills

They will be accomplished when they have acquired the skills and are able to apply them to complete realistic tasks appropriate for their stage of development

## Aims

- To support pupils' learning in all subjects by helping teachers to be clear about the ways in which their work with pupils contributes to the pupils' ability to reason and apply numerical concepts;
- Develop a shared understanding between all staff of the role of numeracy in pupils' learning and how work in different subjects can contribute to and benefit from the development of pupils' ability numerically reason effectively;
- Raise pupils' own expectations of achievement, thus raising standards;
- Develop pupils' confidence in numeracy;
- Promote knowledge and understanding of the pupils' standards of achievement and assessment in number, measuring and data, and the identification of any areas of strength and weakness.

## Support and Intervention Provided

- Discrete numeracy lessons are provided to support those with weaker numeracy levels. Pupils who are not secondary ready are provided with regular intervention in small groups and progress monitored every half term until they become secondary ready.
- Students with SEND are supported closely with their numeracy needs and where deemed necessary, have learning support assistants in their lessons.
- One to one support and small group tuition is in place for students who are struggling with numeracy at a higher level and this is usually built into their 1:1 tuition programmes.
- Displays in classrooms and shared areas create an environment which is conducive to good numeracy practice.
- Maths Facts of the Week are displayed each week on the TV screens around the school.
- Numeracy links within each curriculum area are displayed on the TV screens and around the school.
- The numeracy coordinator creates daily numeracy challenges for use in Form time at certain allocated times of the year. Some of the tasks are linked to the Maths Fact of the Week, whilst others are problem solving tasks to enhance deeper thinking.
- The numeracy coordinator is available to all teaching and support staff throughout the school to advise on or answer any numeracy related questions.
- A week is dedicated each year to promote numeracy and encourage pupils to recognise the numeracy links across the curriculum.

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- The numeracy coordinator provides resources for staff across the curriculum during the numeracy activity week, as well as helping to organise a numeracy rich activity day for a particular year group.
- Curriculum areas complete a numeracy audit annually to identify numeracy rich cross curricular links, and where necessary, The numeracy coordinator supports curriculum areas with certain topics
- Termly Literacy and Numeracy meetings provide an opportunity for teachers from all curriculum areas to access support from the numeracy coordinator in light of curriculum changes or pupils needs

The Maths department also provides the following activities:

- Junior, intermediate & senior maths challenges
- Senior team challenge
- Lunch time club for more able Year 7 mathematicians
- Saturday masterclasses
- Maths competition for most able Year 6's
- Liverpool maths society half term challenges
- Algebra morning for Year 6 from our feeder schools to boost their algebraic skills.
- An annual Year 6 Maths competition
- Aintree Maths fun day for our Year 7s

## VLE

The VLE is an important tool for teachers to interact with their students, but it is also vital for the sharing of skills, revision resources and good practice for numeracy across the curriculum.