

# Numeracy Policy

## Ellesmere Port Catholic High School



Approved by:	Mr J Coucill, Chair of Governors	
Lead of Review:	Mrs K Peoples, Head of Maths	
Last reviewed on:	August 2020	
Next review due by:	July 2021	

## **Definition of Numeracy**

Numeracy is a proficiency, which is developed mainly in mathematics but also in other subjects. It is more than an ability to do basic arithmetic. It involves developing confidence and competence with numbers and measures. It requires understanding of the number system, a repertoire of mathematical techniques, and an inclination and ability to solve quantitative or spatial problems in a range of contexts. Numeracy also demands understanding of the ways in which data are gathered by counting and measuring, and presented in graphs, diagrams, charts and tables.

(Framework for Teaching Mathematics –yrs7 to 9-DFES).

## **Aims of the Policy**

Ellesmere Port Catholic High School is committed to raising the standards of numeracy of all of its students. All students should be confident and capable in the use of numeracy to support their learning in all areas of the curriculum and to acquire the skills necessary to help achieve success in further education, employment and adult life. In light of this, it aims to assist the transfer of students' knowledge, skills and understanding of numeracy between subjects.

## **Roles and responsibilities**

The **Numeracy co-ordinator** will:

- produce a Numeracy improvement plan, monitor the implementation of the plan and evaluate annually
- involvement in the planning of numeracy lessons for targeted groups of students across KS3 & KS4
- use assemblies, displays and other media to promote a positive image of mathematics throughout the school
- ensure numeracy is promoted through the curriculum by building on opportunities for numeracy to be included in all schemes of work
- work with Science and Geography departments to continue to develop the numeracy steps on data collections
- work to develop, maintain and improve standards in numeracy across the school through the analysis of KS3 data to assess pupils' numeracy capability and intervene where applicable
- work with the SENCo to ensure support for students with numeracy problems
- work with feeder primary schools to develop better continuity between KS2 and KS3 SOW
- work with primary schools and SENCo during transition to highlight any specific needs that may arise around the new cohort
- ensure consistency of practice including methods, vocabulary and notation
- ensure training opportunities are provided for staff training
- develop and train the maths department in the use of manipulatives within lessons
- ensure opportunities are provided to support parents in the use of mathematical methods
- be responsible for evaluation and reporting to the Headteacher on numeracy across the school
- continue to develop shared Numeracy resources for use in all subject lessons.

**Subject Leaders** will:

- ensure teachers in their department include numeracy into their schemes of work
- make clear that numeracy should be promoted in all lessons at every opportunity

- will provide the Numeracy Co-ordinator with examples of work showing use of numeracy skills in their subject area

**Form tutors will:**

- Carry out numeracy activities during form time.

**All teachers will**

- include numeracy in their schemes of work
- promote numeracy in all lessons at every opportunity
- make explicit to pupils the numeracy links in their lessons
- participate in training to ensure consistency of practice

**Monitoring and Evaluation**

Success will be determined through half-termly and annual assessments. In addition, the strategy will be monitored and reviewed through:

- Lesson observations
- Sampling pupils' work
- Discussion with staff, students, parents and governors/pupil and staff voice. Pupils' views will be sought throughout the year to determine their understanding of the concept of numeracy and where it is met throughout the curriculum
- Analysing assessment data
- Intervention groups (assessed before and after intervention)

Information from the monitoring and review process will inform decision making about improvements and further developments.