



Holmer Green Senior School

Numeracy Policy

May 2022

Numeracy is a skill which involves developing confidence and competence with numbers and measures. It requires an understanding of number skills, and the ability to solve number problems in a variety of contexts. Interpretation of data and presentation in a variety of ways is important as well as is understanding of data collection. All young people need to be numerate so that they can contribute to and be part of society.

Purpose:

The aim of the numeracy policy is:

- To raise standards of students' proficiency in numeracy.
- To raise awareness of numeracy strategies.
- To support staff in improving standards of students' numeracy.
- To support students' transfer of knowledge, skills and understanding between subjects.

Aims and Objectives:

At Holmer Green Senior School we aim to:

- Produce numerate students who are confident and able to tackle mathematical problems in all subject areas.
- Ensure staff share a common understanding of numeracy.
- Enable students to attain an appropriate level of numeracy for the needs of our society.
- Enable students to understand the processes they are using and be able to apply them constructively in unfamiliar situations.
- Ensure that staff are aware that students can use a variety of different methods to solve a problem.
- Ensure students use correct mathematical terms and notation.
- Encourage students to think deeply about mathematics and have an enquiring approach to their studies.
- To encourage teachers to take responsibility for the development and evaluation of numeracy in each subject area.

Teaching and Learning

Teachers should encourage students to:

- Use correct methods of calculation in all subject areas.
- Encourage estimating before calculations and strategies for checking answers afterwards.
- Use appropriate units for measuring.
- Use questioning to draw out understanding.
- Explore reasons for wrong answers and unravel misconceptions.
- Use diagrams and number lines appropriately. In History, for example, teachers should use equally spaced number lines to represent the chronology of events.

We recognise that not all lessons will contain an opportunity to develop students' numeracy and where this is the case, teachers are not expected to include taught numeracy opportunities. However, when planning and reviewing the curriculum we encourage all departments to build in opportunities to develop numeracy skills.

Monitoring and Evaluation

- The Head of Department/Second in Charge of Mathematics will audit the numeracy provision by conducting learning walks. Where appropriate, continuing professional development will be provided, At least one Professional Practice Clinic per academic year will have a numeracy focus.
- Departments will identify opportunities for developing students' numeracy skills through their Curriculum plans.

Approved at Governors: May 2022

To be reviewed: May 2024