

Core Subjects Policy

Our mission as a church school is to be – loving, welcoming and succeeding with faith, family and friendship at the centre of all that we do. The key Christian values that are the core of our school life are forgiveness, creation, koinonia, reverence, service, wisdom, trust and endurance.

Please refer to Little Waltham School’s Policy on Teaching and Learning which incorporates - Marking and Feedback, Target Setting, Assessment for Learning, Gifted and Talented.

English

1 Aims and objectives

- 1.1 The study of English develops children’s ability to listen, speak, read and write for a wide range of purposes, including the communication of their ideas, views and feelings. Children are enabled to express themselves creatively and imaginatively as they become enthusiastic and critical readers of stories, poetry and drama, as well as of non-fiction and media texts. Children gain an understanding of how language works by looking at its patterns, structures and origins. Children use their knowledge, skills and understanding in speaking and writing across a range of different situations.
- 1.2 Our objectives in the teaching of English are:
- to enable children to speak clearly and audibly, and to take account of their listeners;
 - to encourage children to listen with concentration, in order to identify the main points of what they have heard;
 - to show children how to adapt their speech to a wide range of circumstances and demands;
 - to teach children effective communication, both verbal and non-verbal, through a variety of drama activities;
 - to help them to become confident, independent readers, through an appropriate focus on word-, sentence- and text-level knowledge;
 - to develop enthusiastic and reflective readers, through contact with challenging and substantial texts;
 - to enable technical analysis of texts through taught comprehension skills
 - to foster the enjoyment of writing, and a recognition of its value;
 - to encourage accurate and meaningful writing, be it narrative or non-fiction;
 - to improve the planning, drafting and editing of their written work.

Mathematics

2 Aims and objectives

- 2.1 Mathematics teaches children how to make sense of the world around them through developing their ability to calculate, reason and solve problems. It enables children to understand relationships and patterns in both number and space in their everyday lives. Through their growing

knowledge and understanding, children learn to appreciate the contribution made by many cultures to the development and application of mathematics.

2.2 Our objectives in the teaching of mathematics are:

- to promote enjoyment of learning through practical activity, exploration and discussion;
- to promote confidence and competence with numbers and the number system;
- to develop the ability to solve problems through decision-making and reasoning in a range of contexts;
- to develop a practical understanding of the ways in which information is gathered and presented;
- to explore features of shape and space, and develop measuring skills in a range of contexts;
- to help children understand the importance of mathematics in everyday life;
- to develop the cross-curricular use of mathematics in other subjects.

Science

3 Aims and objectives

3.1 Science teaches an understanding of natural phenomena. It aims to stimulate a child's curiosity in finding out why things happen in the way that they do. It teaches methods of enquiry and investigation to stimulate creative thought. Children learn to ask scientific questions and begin to appreciate the way in which science will affect the future on a personal, national and global level.

3.2 Our objectives in the teaching of science are for all our children:

- to ask and answer scientific questions;
- to plan and carry out scientific investigations, with the correct use of equipment (including computers);

Computing

4 Aims and objectives

4.1 Computing has become part of the way in which we all work and entertain ourselves. Almost everything we do at school now involves the use of Computing:

- online lesson research, teaching plans and resource materials;
- lesson delivery via interactive whiteboard;
- communication by e-mail and fax;
- document distribution and storage;
- assessment information analysis;
- production and editing of reports.

Thus, through teaching Computing, we equip children to participate in a world of rapidly changing technology. We enable them to find, explore, analyse, exchange and present information. We also help them to develop the necessary skills for using information in a discriminating and effective way. This is a major part of enabling children to be confident, creative and independent learners.

4.2 Our objectives in the teaching of Computing are:

- to facilitate the finding, selection and use of information;
- to teach the use of Computing for effective and appropriate communication;
- to enable the monitoring and control of events, both real and imaginary;
- to teach the application of Computing to children's learning across the curriculum;
- to explore the value of Computing, both to children and to society in general;
- to examine issues of security, personal safety, confidentiality and accuracy;

- to develop the cross-curricular use of Computing in all subjects.

Review

This policy will be reviewed at least every two years.

Signed

Date Approved: Autumn Term 2017 To Be Reviewed: Autumn Term 2018