



Computing Policy 2025 – 2026

Purpose

This policy is a statement of the aims, principles, strategies and procedures for the use of Information and Computing throughout our school.

The document is intended for

- All teaching staff.
- All staff with classroom responsibilities.
- School governors
- Parents.
- Inspection teams

This Policy is stored on the School Server, Teachers Planning drive in the folder Computing and is uploaded to our school website.

Introduction

Computing impacts the lives of everyone. Through teaching Computing, we equip children to participate safely and effectively in a rapidly changing world where work and leisure activities are increasingly influenced by technology. We aim to enable children to be able to develop, create, test and improve basic computing programs for specific goals and applications. We enable them to find, explore, discuss, analyse, exchange and present information in interesting and diverse ways. Computing skills are essential in enabling children to be confident creative and independent learners.

Aims

Through the use and teaching of Computing, Greenlands aims to enable the children to:

- Safely use and develop technologies throughout the whole curriculum.
- Develop independent skills to safely find, select and use information.
- Use technologies to effectively and responsibly communicate and exchange information.
- Monitor and control activities both real and imaginary.
- Recognise the importance of personal information and confidentiality.
- Apply hardware and software to create and explore.
- Develop an interest and positive attitude towards Computing and technologies.

Through supportive subject leadership and peer support Greenlands aims to enable its teachers to:

- Develop a positive attitude and gain in confidence in using a range of new technologies to enhance teaching and learning in line with the Computing Curriculum.
- Understand the capabilities and limitations of Computing.
- To support staff in enhancing their teaching, management and administrative skills by utilising Greenlands computer-based systems across school.

Teaching and Learning Style

The aims of Computing is to equip children to use computational thinking and creativity to understand and change the world. Our main emphasis of our Computing teaching is for individual or groups of children to use technologies to help them discover and explore and record whatever they are learning. At Greenlands, we recognise that we have children across school with widely different Computing experiences and abilities. We therefore adapt our Computing teaching and deliverance to ensure all abilities and learning styles are effectively supported and challenged.

Throughout the teaching of Computing at Greenlands:



- Children may be asked to work and explore as part of a group or individually.
- Children and their tasks may be grouped based on interests or abilities.
- Inputs and support will vary due to tasks set and the confidence of the children.
- A range of outcomes may be expected from a class of children depending on abilities, confidence and interests.

Planning

Greenlands Computing Curriculum has been developed in line with the curriculum expectations and this has been used as our guide for coverage and time allocations. We carry out Computing planning in which are monitored and supported by the subject leader.

Long term plans show the coverage of the computing curriculum. As a team we have decided to adopt the use of a scheme to ensure that all classes will have a consistent approach to teaching the subject. Long term plans can be found of the Teacher Planning Drive – Curriculum.

Short term plans:

Early Years Foundation Stage

- Computing opportunities in the Foundation Stage are provided in the following ways:
- Continuous provision e.g. Ipads with appropriate software based in the children learning environment alongside various other technologies such as listening devices in the book area.
- Enhancements – magnifier, camera in the exploring tray, calculator, till in the role pay etc.
- Focused provision- adults to model use of technologies e.g. adult show how to programme blue bots, how to use appropriate software on devices, how to take photos of work etc.

Computing in other curriculum areas

Greenlands has a large resource bank of computing equipment to ensure enhancements across the curriculum are available to both teaching and learning. The use of class ipads to research and record findings in a range of ways supports children's interest and participation in subjects across the curriculum. Using available apps will allow children to create a digital learning journey whilst at Greenlands which can be instantly shared with home to support home to school links. The use of interactive boards is used to enhance learning opportunities within the classroom. Class laptops are also available to ensure children use a range of computing equipment daily to support their confidence and exploration of computing across the subjects. Age and ability appropriate apps are uploaded on to each class iPad set, ensuring daily skills in maths and reading are explored such as times tables, phonic support.

Computing to support inclusion

The diverse computing curriculum is taught to all children across the school. We provide engaging and enhancing learning opportunities to children which meet their current ability and understanding within computing. Computing technologies are used to support individualised curriculums to ensure all children within Greenlands access teaching and learning which is enhanced by computing.

Assessment and Recording

We record and assess computing skills by making informal judgements as we observe and work with children in lessons, by marking work and considering digital recordings and commenting as necessary. We are implementing a new system using digital portfolios for the children to keep a record of their learning. Throughout the unit, each child is RAG rated against the LO and this is recorded on a learning log. These are completed for every lesson. We use these judgements as the basis for assessing the progress of pupils across school. This information can then be fed to their permanent school at the end of their placement.

Resources



Greenlands has invested in computing resources and equipment to enhance teaching across the curriculum. Each class has a large interactive iboard fitted to each classroom with access to an ICT suit and Ipads. All school ipads are set up with age appropriate and topic enhancing apps. It is the responsibility of the class teachers to update these apps in relation to their topic overviews and lesson plans. All school computers, laptops and staff laptops are linked to the school server and have internet access. All school ipads have internet access.

Use of computer and internet access

The computer system is owned by the school and may be used by both children and staff to further their education and enhance their professional activities. The school recognises that technologies such as the internet, social network sites, email and blogging all have a profound effect on the children's education and future prospects.

The use of apps, software and hardware is to be monitored by all staff within classrooms and to be supported by the computing leader throughout the school year.

The school reserves the right to monitor, examine and delete files that may be held on its computer system or monitor any internet sites visited.