



Computing Policy

Date of Policy	Spring 2023
Next Review Date	September 2026
Person/s Responsible	Staff and Governing Body

Introduction

The use of information and communication technology is an integral part of the National Curriculum and is a key skill for everyday life. Computers, tablets, programmable robots, digital and video cameras are a few of the tools that can be used to acquire, organise, store, manipulate, interpret, communicate and present information. At Woodlands Primary School, we recognise that pupils are entitled to quality hardware and software and a structured and progressive approach to the learning of the skills needed to enable them to use it effectively. The purpose of this policy is to state how the school intends to make this provision.

Aims

The school's aims are to:

- Meet the requirements of the National Curriculum programmes of study for computing.
- Provide a relevant, challenging and enjoyable curriculum for computing for all pupils.
- Use ICT and computing as a tool to enhance learning throughout the curriculum.
- To respond to new developments in technology.
- To equip pupils with the confidence and capability to use ICT and computing throughout their later life.
- To develop the understanding of how to use ICT and computing safely and responsibly.

The National Curriculum for computing aims to ensure that all pupils:

- Can understand and apply the fundamental principles of computer science, including logic, algorithms, data representation, and communication.
- Can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems.
- Can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems.
- Are responsible, competent, confident and creative users of information and communication technology.

Resources

Each teacher has a laptop and each class has an interactive whiteboard. We have two laptop trolleys with 32 Chromebooks in each and two Ipad trolleys containing 16 Ipads each. Chromebook trolleys and Ipad trolleys are stored in the meeting room and/or server room where they can be charged overnight. Chromebooks and Laptops around the school are networked and have internet access set with online safety filters.

Staff use curriculum resources from Purple Mash. Pupils may use these resources on a Chromebook or an Ipad. Pupils may use other carefully selected resources on either a Chromebook – for example Google Sheets – or Ipad, or lessons may be taught 'unplugged' where appropriate.

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Online resources for home use

In recent years there has been a boom in the education opportunities that are available online. We have bought into the following to give pupils safe access to online education opportunities outside of school. These are:

- Times tables Rockstars
- Purple Mash

Roles and Responsibilities

Leader for Computing

The subject leader is responsible for providing professional leadership and management of computing within the school. They will monitor standards to ensure high quality teaching, effective use of resources and improved standards of learning and achievement. This will include observation of lessons and scrutiny of the pupils' work. They will collect, analyse and distribute, where applicable, information relating to the subject to the relevant people.

Class Teachers

It is the responsibility of each class teacher to ensure that their class is taught all elements of the computing curriculum as set out in the National Curriculum programme of study.

All staff

It is the responsibility of all staff to make themselves aware of legislation relating to the use of ICT and computing, including copyright and data protection issues (see acceptable use policy and on-line safety policy).

Governors

All governors are interested in the development of computing to promote high quality teaching and learning in the school. A governor is nominated to be responsible for monitoring and evaluating the impact and value of computing on children's learning. They liaise with the subject leader and report back to the governing body with their findings annually.

Training

All staff, including managerial and administrative staff, receives support from the subject leader or technicians and, where necessary, external training in hardware or software which they are expected to use to carry out their role.

Security

- The computing technician will be responsible for regularly updating anti-virus software.
- Use of computing equipment will be in line with the school's 'acceptable use policy'. All staff must sign a copy of the schools policy annually.
- Children and parents sign a 'Responsible internet access and ICT use for pupils' form when they enter the school in EYFS.
 - All I pads have a passcode
 - All Chromebooks require a pupil to log in with their username and password
 - Purple Mash and Times Tables Rock Stars require a password and username
 - The computing subject lead will set up usernames and passwords for pupils when they join the school

This policy should be read in line with the following policies:

- Online safety and data security policy
- Use of laptops policy
- Health and Safety policy