



Computing and Internet Safety Policy

Written April 2022, reviewed April 2023

To be reviewed April 2024

Introduction

At Shamblehurst, we recognise that our children are growing up in an increasingly digital world where technology is essential part of everyday life. The majority of children have access to a vast variety of software, tools and technologies, which they can use to communicate and create digital content. We believe that children should be empowered to use these technologies so they have an understanding of how computer systems work and are digitally literate in order to fully participate in the modern world. As a result, we will offer a broad and balanced curriculum that is structured and progressive throughout the school.

Aims

The school aims to

- Provide a broad, balanced, challenging and enjoyable curriculum for all children
- Enhance and enrich other areas of the curriculum with the use of information technology
- Allow opportunities for children to use information technology for real outcomes
- Equip all children with the skills they need to confidently use various digital tools and technologies throughout their lives
- Empower children to use technology and digital tools in a safe and responsible way enabling them to make informed decisions about the uses and benefits of the technology they use.
- Meet the requirement of the national curriculum programmes of study for computing in Key Stage 1 and 2
- Ensure computing is used, when appropriate, to improve access to learning for pupils with a diverse range of individual needs, including those with SEN and disabilities.

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

Curriculum and Planning

The computing subject leader has developed the progression of skills and long term planning, using the "Teach Computing" curriculum as a basis.

The computing lead reviews and develops medium and short term planning, adapting it as necessary to meet the needs of the children. The key computing skills are taught discreetly through weekly computing lessons.

Some of the Information Technology and Digital Literacy skills will also integrate within other curriculum subjects and lessons. When possible, it will be used to enhance these subjects or provide outcomes. For example, using safe internet searches will apply while researching aspects of their enquiry question.

Internet safety will be taught throughout the computing curriculum but will also run alongside the schools PSHE lessons and will be delivered regularly in lessons and as part of Key Stage 1 and Key Stage 2 assemblies.

Assessment

As in all other subjects, children should be assessed and appraised of their progress in understanding and applying computing skills. The computing lead will regularly assess capability through observations and discussions with pupils as well as looking at completed work and other forms of formative assessment. Certain independent tasks will also be set as a means of summative assessment.

This assessment can be further supported by class teachers when using IT as an outcome for other subjects. For example, creating a poster for Science using Microsoft Word.

Resources

Each year group has a class set of 16 - 18 iPads that can be used at any time. *This is currently under review and may change to 5 per class, with a class set available for booking.*

There is currently 1 set of laptops which are used for computing lessons across the school. With additional capital money, the school will be investing in a second set which can then be used to enhance the wider curriculum. This capital money will also fund an SSD to place an older laptop per classroom for use by LSAs and supply cover to avoid children laptops being taken from the class set.

Internet Use

The use of the Internet is a statutory requirement of the National Curriculum. It is considered an invaluable resource that can help promote the professional development of staff and enrich the learning of children.

Safe access to the Internet

The school aims to allow all children and staff access to the Internet. However, the Internet is a communications medium which is freely available to anyone who sees fit to use it and, as such, there will always be undesirable material available on it. The school has taken steps to ensure our school members are not able to access this material

- Our Internet access is provided through a filtering system maintained by Talk Straight (internet provider) and Drift (IT provider)
- The school receives a weekly report about which sites have been blocked.
- Children will have supervised access to the Internet.
- Children will be taught guidelines about the safe use of the Internet, both in and outside school.
- Any unsuitable sites found will be reported to members of staff who are able to request future access to be blocked.
- No personal information will be sent between children over the Internet and chat rooms are banned at all times.
- Pupils will not access personal e-mail or social networking sites at school.
- Pupils will log in using only their own usernames and passwords if required to school laptops, Seesaw and Timestables Rockstars etc.
- Children will have regular Internet Safety Lessons in class to remind them of how to stay safe and behave responsibly
- Parents will receive a monthly Internet Safety Newsletter to keep them informed of topical issues
- All staff members will use the internet in safe, acceptable manner as according to the Acceptable Use Policy which will they need to sign.

The Internet Policy will be reviewed annually in order to keep up with current practices.