



Computing and Internet Safety Policy

Written April 2021

To be reviewed April 2022

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. The curriculum is divided into three main parts: Computer Science, Digital Literacy and Information Technology.

The computing lead will develop medium term planning in conversation with class teachers. Where possible it will link to the enquiry concepts and question of a topic but there may be times the skills are taught discreetly.

Much of the Information Technology will integrate within other curriculum subjects and lessons. It will be used to enhance these subjects or provide outcomes. On these occasions class teachers will highlight the objectives from computing the children are working on. For example using safe internet searches while researching aspects of their enquiry question.

The Digital Literacy will run alongside the schools PSHE lessons and will be delivered regularly in lessons and as part of collective worship times.

Short Term Planning may be adapted from a range of sources such as Junior Code It website, Switched on Computing, Barefoot Computing, Education for a Connected World (Project Evolve). This is the responsibility of class teachers, however the computing lead will offer support if it is needed.

Assessment

As in all other subjects, children should be assessed and appraised of their progress in understanding and applying of computing skills. Teachers 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.

Teacher assessments of computing capability will be recorded throughout the year on the computing assessment tool saved on the google drive.

Teachers should also keep some evidence of the children's computing work. This may be in various forms such as on Seesaw, a computer program they have created on software such as scratch or planning sheets in their enquiry books.

Monitoring and Reviewing

It is the responsibility of the computing subject lead to monitor the coverage and teaching of the curriculum. The computing lead is also responsible for supporting members of staff in the teaching of computing. This may be through team teaching or help with planning.

Resources

Each class has a class set of 6 - 8 iPads that can be used at any time. These class sets are often grouped as a year group to create class set of iPads.

There are also two laptop trolleys with a class set available for people to use.

Each classroom will also have a student laptop which is to be kept in there.

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 the school and Hampshire.
- 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.
- Parents and children are requested to sign an E-Safety Acceptable Use Policy and Agreement, in line with Hampshire County Council guidelines.
- 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 things like school laptops, Seesaw and Timestables Rockstars.
- 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
- Any zoom meeting with children will be in the presence of two adults or recorded according to Home Learning Policy.
- 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.