Misterton Primary and Nursery School

Computing Policy

September 2026- September 2027



Introduction:

This policy is a statement of aims, principles and strategies for the teaching and learning of Computing at Misterton Primary School.

Through teaching Misterton Primary School strives to equip children to participate in a rapidly changing world where work and leisure activities are increasingly transformed by technology. We enable them to find, explore, analyse and exchange and present information. We also focus on developing the skills necessary for children to be able to use information in a critical, effective and safe way. Computing skills are a major factor in enabling children to be confident, creative and independent learners in today's ever changing technological world.

Aims and Objectives:

At Misterton Primary we aim to enable pupils to

- Gain confidence and enjoyment from their computing activities and to develop skills which extend and enhance their learning throughout the curriculum and in everyday life.
- Present Computing as a creative process in which they are encouraged to use their own initiative, imagination, reasoning and investigative skills
- Provide the children with the knowledge of different applications of Computing. This includes: word processing, PowerPoint presentations, excel, data handling, control and simulations, coding, multi-media and data logging devices
- Encourage children to understand the effects and limitations of Computing and to make decisions about its suitability for particular tasks
- Appreciate the relevance of Computing in our ever growing society and that they see it as an essential tool for learning, communicating, finding information and for controlling and understanding their environment
- Encourage pupils to become autonomous, independent, safe users of technology both as a learning resource and as a discipline in its own right.
- Provide children with the knowledge of how to appropriately use IT and the legality of use.

Teaching and Learning

At Misterton Primary School Computing is planned and taught in three aspects:

- As a subject using the National Curriculum Programmes of Study.
- To support learning in all curriculum areas.
- As a tool for teaching and learning across the curriculum. This includes equipment to use in teaching such as the interactive whiteboards, ipads, laptops, visualisers and software for learning support. The teaching focus will be on the subject and not the IT capability.

The National curriculum learning objectives and out=r progression documents underpin our computing teaching. It is the responsibility of the class teachers to ensure that differentiated skills are being taught to all children, and are using IT to enhance teaching in all subject areas. The Computing Leader is responsible for overseeing a high level of teaching and learning is being sustained. This is undertaken by monitoring and evaluating lessons, medium term plans as well as discussions and questionnaires with the children and teachers.

Organisation:

All children from Year 1 upwards are taught computing at least weekly. In our FSU children have the opportunities to use different technology as part of their continuous provision. Each class is timetabled a laptop slot during the week as well as having access to ipads as and when required to enhance teaching and learning. These devices support the children in all subject areas as well as develop their IT capabilities. Other resources such as; sound recorders, talking books, bee bots as well as various animation and movie making apps on the ipads are also available . Each classroom also has its own interactive whiteboard and visualizer to enhance teaching and learning in all subject areas.

Planning, Monitoring and Assessment:

Teachers generally carry out Computing planning in phases (long-term, medium-term and as part of their weekly timetable). The Computing Lead monitors long and medium term planning to ensure an appropriate balance and distribution of work across each term and year group. Short-term plans are drawn up weekly by individual teachers in the form of a weekly timetable and these can be adapted daily to suit the individual needs of the class or pupils to include the use of IT as necessary/relevant. In the Foundation Stage teachers use the EYFS Profile, Characteristics of Effective Learning and Development Matters to inform planning. In KS1 and 2 computing is generally planned by individual teachers using Purple Mash and includes many opportunities for cross curricular links using the progression documents as a starting point as well as the computing coverage document linked to purple mash. Effective planning and implementation of work ensures continuity and progression throughout the school.

Teachers use ongoing assessment to ensure pupils make at least good progress and work is differentiated accordingly to meet the needs of every child in the class. This is done informally during the lessons or during activities in order to evaluate what the pupils have learnt. Pupils save work on the school network in folders for their year group in their own individual folders. Other work may be printed and filed within the subject from which the task is set. Teachers should be aware of the rapidly advancing skills of the children with technology and be prepared for this to ensure that their work is both challenging, progressive and relevant.

With rapid advancements in Computing, teachers should ensure that their capabilities in IT are kept up to date to ensure that they can plan and deliver an interesting, progressive and relevant curriculum to meet the needs of every child in their class. The Computing Leader will offer advice and INSET on new equipment and technologies and support their introduction into classrooms use.

Resources

Each teacher has been provided with a resources list which includes a list of the apps on the iPads and laptops and relevant websites for each area of the computing curriculum that can be used to support the teaching of computing.

Laptop Trollies:

We have access to two laptop trollies, which are situated upstairs. Each laptop is linked to the server, has internet access and are linked to the schools colour photocopiers. Two responsible KS2 children are chosen as laptop monitors to ensure the laptops are put on charge at the end of every day.

IPad Trolley:

We have access to 32 iPads also located upstairs. Each iPad is linked to the server, has internet access and has a variety of downloaded apps to support the teaching of computing, cross curricular subjects and SEN children.

Class Rooms:

Each classroom has access to an adult laptop, interactive whiteboard, IPad, 2 laptops for child use in lessons, visualizer and full internet access.

Purple Mash:

http://www.purplemash.com is 2Simple's creative online space for primary school teachers and learners. Purple Mash includes:

- Creative Tools - 2Paint, 2Publish, 2Design&Make, 2Publish Extra, 2Go, 2Graph, 2Count, 2Animate, 2Sequence, Logo, 2Investigate, 2DIY 3D
- Writing / Publish Projects (over 300 of these) – including leaflets, postcards
- Paint Projects (over 70)
- Mashcams
- 2Type, Simple City, Maths Games 1
- An online saving area per pupil
- Indepth lesson planning, progression documents and LTP's

Every child in school has an individual user name and password in order to access purple mash online. Each teacher also has a class copy of these and access to their own user name and password to set and check work.

To ensure that copyright laws are adhered to, staff, pupils and parents are not permitted to run software brought in from outside school on school machines.

A safer use of the internet policy has been developed for staff, children and parents in order to allow the safe and efficient use of the internet for both staff and pupils in an educational context. This is signed by all members of the Misterton School Community at the start of a new school year.

The Computing Leader is also responsible for communicating with the IT provider on a fortnightly basis, updating software, hardware when applicable and keeping staff up to date with new initiatives.

Health and Safety:

It is the responsibility of teaching staff to ensure that Computing equipment is used correctly and safely. Staff should ensure that the children are seated at the laptops comfortably and be aware of correct screen settings, volume settings on earphones (if being used) and the dangers of continuous use.

Food and drink should not be consumed near computing equipment.

It is the responsibility of staff to ensure computing equipment is put away securely and safely back in the trollies after use and children should not be left to do this alone. It is also the responsibility of staff to inform the co-ordinator of any issues regarding equipment.

An adult should always supervise children when they are accessing information via the internet. The service provider does filter information but staff are ultimately responsible for information accessed by pupils.

The computing lead carries out yearly online safety training which is then shared with Teachers and TP's through INSET. Regular guidance is shared with parents through our website, social media and newsletters. In addition Year 6 children complete the DARE project in the spring term each year.

Links to other policies:

- Foundation Stage Curriculum
- Display
- Teaching and Learning
- Assessment
- Gifted and Talented
- SEN and Inclusion
- Mathematics
- PSHCE and SEAL – Internet safety week and DARE

Review date: September 2027