



pupil voice



respect



independence



dignity



entitlement



COMPUTING POLICY

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An academy within:



“Learning together; to be the best we can be”



Introduction:

This policy details the ethos and philosophy in relation to the teaching of Computing.

Computing is about developing an understanding of the technical world. It allows learners to access the world in a variety of ways at their own level; and can offer learners ways to develop greater independence in our rapidly changing world.

Aims:

At Kelford we aim to provide practical learning experiences where computing is accessible to all pupils and allow learners to be confident and independent, to the best of their ability.

The computing curriculum should provide:

- Opportunities for pupils to engage with the world with a variety of technology
- Equal opportunities to access the curriculum irrespective of race, gender or ability
- Opportunities for pupils to make informed choices and develop independent life skills
- A range of experiences that will develop a pupil's ability to work more effectively as both part of a team and an individual
- The ability to use a range of technologies safely
- Access to a range of technology including computers, internet, control devices, cameras, tablets and a range of software.

Objectives:

Computing is a rapidly changing area of the curriculum and requires continual development. The computing curriculum cover is based on the national curriculum, when it is appropriate to the needs of our learners; it promotes digital literacy, computer science and E-safety. Computing is to be taught throughout school, taking into consideration the needs of the individual.

During the foundation stage, computing will be covered as part of the early years and foundation stage framework and within this all learners should be given regular opportunities to access a range of technology at their own level. In key stage 1, 2, 3 and 4, computing will be taught weekly, as a discreet subject, following the school's curriculum. In



sixth form, computing is to be taught through Key Skills, specific to the needs of each individual learner. This may include discreet teaching at school or college if appropriate.

Where appropriate learners should learn how they can use technology to find things out, develop ideas and make things happen, share and exchange information, review, modify and evaluate their work and programming. As a school, we acknowledge that some children may not be ready to access the national curriculum. For these children it is more meaningful to focus on technology as a means to communicate, to access sensory content and demonstrate cause and effect understanding. Computing can be linked to all other areas of the curriculum. Learners should be taught to use technology safely and responsibly. Computing at Kelford should encourage learners to be:

- **Successful learners** – who confidently access technology at their own level. Pupils will have access to computers, internet, control devices, cameras, tablets and a range of software. In addition some learners will have access to communication and control technology to allow them to access other technology more independently.
- **Confident individuals** - who have a sense of self-worth, make informed choices, become increasingly independent and are open to the opportunities offered by technology.
- **Responsible citizens**- who ask questions and discuss ideas relating to world of technology. This helps them to be more aware of their environment and discover how they can access it safely in a variety of ways.

Definitions:

Control technology - switches, adapted mice, keyboards, touch screens, bee-bots, Spheros, remote control devices

Communication technology - any technology which allows learners to communicate more clearly with the world around them.

Responsibilities:

- It is the **schools** responsibility to ensure that there are a range of hardware, software and other significant technology to allow the teaching of computing.



- It is the responsibility of the **school** to make sure all staff are aware of the rules regarding safe internet use policy.
- It is the responsibility of **all staff** to ensure they adhere to and promote the safe use of technology in school.
- It is the **class teacher's** responsibility to ensure learners have access to a range of technology and experiences related to their own ability. This should be demonstrated through planning.
- It is the **class teacher's** responsibility to complete and update the curriculum development booklet for each learner and complete any other required assessment for computing.
- It is the responsibility of **all staff** to aid the teacher in developing and teaching the computing curriculum.
- It is the responsibility of the **subject leader**, school management and computing working party to monitor, assess and facilitate the teaching of computing within the school.

Consultation and Engagement:

This policy was developed from previous policies by Rachael Leach and the current Computing National Curriculum.

Impact:

Computing allows learners to access the world in a large variety of ways and can allow learners more control over their environment, technology can be motivating and aid assessment. It can lead to opportunities which can improve learner's life chances and ability to work.

Monitoring and Evaluation:

Subject Leaders will monitor coverage and pupil progress through medium term planning, CASPA data, work scrutiny, developmental curriculum booklets and pupil tracking. These evaluations will be reported to appropriate members of the senior management team. A curriculum development booklet should be completed and maintained for all learners by their class teacher, these may be monitored by the subject leader. The subject policy will be updated every three years.