Blackwell Primary school
Computing Policy

Computing Vision
At Blackwell Primary School we will develop the learning environment to provide a range of computing opportunities and tools. This will empower our children to make relevant and safe choices and be flexible as they develop their personalised learning in line with our school's vision.

Pupils' Access to the Internet
Blackwell Primary School use a Derbyshire County Council "filtered" Internet Service, which will minimise the chances of pupils encountering undesirable material. Blackwell Primary School will normally only allow children to use the Internet when there is a responsible adult present to supervise. However it is unrealistic to suppose that the teacher's attention will always be directed toward the computer screen. Members of staff will be aware of the potential for misuse, and will be responsible for explaining to pupils, the expectation we have of pupils. Teachers will have access to pupils' Internet related files and will check these on a regular basis to ensure expectations of behaviour are being met.

Expectations of Pupils using the Internet
At Blackwell Primary School, we expect all pupils to be responsible for their own behaviour on the Internet, just as they are anywhere else in school. All pupils are expected to read and agree the Internet Home School Agreement.

Special Educational Needs
We believe that all children have the right to access ICT in support of their learning.
In order to ensure that children with special educational needs achieve to the best of their ability, outcomes are adapted and the delivery of the ICT curriculum is differentiated for these pupils. Where appropriate ICT can be used to support SEN children on a one to one basis where children receive additional support, in particular some software systems are used to support language, spelling or reading development.

Aims and objectives

National Curriculum Computing programmes of study: Key Stage 1

Pupils should be taught to:

- Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- Create and debug simple programs
- Use logical reasoning to predict the behaviour of simple programs
- Use technology purposefully to create, organise, store, manipulate and retrieve digital content
- Recognise common uses of information technology beyond school
- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

National Curriculum Computing programmes of study: Key stage 2

Pupils should be taught to:

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration
- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

This policy will be renewed in 2021