



St Ambrose RC Primary School

Computing Skills 'I Can' Statements

Key Stage 1

- ❖ I understand that an algorithm is a step by step set of instructions to make something happen on a digital device
- ❖ I understand how algorithms can be made into programs on digital devices
- ❖ I understand that programs work by following precise and clear instructions
- ❖ I can create and debug simple programs
- ❖ I can use predict what will happen in a simple program by thinking logically
- ❖ I can use technology to create, organise, store, manipulate and retrieve digital content
- ❖ I can recognise common uses of information technology beyond school
- ❖ I can use technology safely and respectfully, keeping personal information private; know where to go for help and support when I am worried about content or contact on the internet or other online technologies.

Key Stage 2

- ❖ I can design, write and debug programs that achieve specific goals, including controlling or simulating physical systems
- ❖ I can solve problems by breaking them down into smaller parts
- ❖ I can use sequence, selection, and repetition in programs
- ❖ I can work with variables and various forms of input and output
- ❖ I can use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- ❖ I can 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
- ❖ I can use search technologies effectively and appreciate how results are selected and ranked, and be discerning in evaluating digital content
- ❖ I can 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 achieve given goals, including collecting, analysing, evaluating and presenting data and information
- ❖ I can use technology safely, respectfully and responsibly
- ❖ I can recognise acceptable/unacceptable behaviour
- ❖ I can identify a range of ways to report concerns about content and contact.