



Key Stage 2 Computing

- ❖ 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.

Year 3 Objectives

- ❖ I can design a sequence of instructions including directional instructions
- ❖ I can write programs that accomplish specific goals.
- ❖ I can work with various forms of input.
- ❖ I can work with various forms of output.
- ❖ I can use a range of software for similar purposes.
- ❖ I can collect information.
- ❖ I can design and create content.
- ❖ I can present information.
- ❖ I can search for information the web in different ways.
- ❖ I can manipulate and improve digital images.
- ❖ I use technology respectfully and responsibly.
- ❖ I know different ways I can get help if I am concerned.
- ❖ I understand what computer networks do and how they provide multiple services.
- ❖ I can discern where it is best to use technology and where it adds little or no value.