

Cool @ Computing Checklist

KS1

- ✓ Understand what algorithms are.
- ✓ Understand algorithms are carried out as programs on digital devices and are performed by following precise instructions.
- ✓ Create simple programs.
- ✓ Debug simple programs.
- ✓ Use logical reasoning to predict the behavior of simple programs.
- ✓ Use technology purposefully to create, organise, store, manipulate and retrieve digital content.
- ✓ Recognise common use 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.



Cool @ Computing Checklist

KS2

- ✓ Use logical reasoning to explain how simple algorithms work.
- ✓ Detect errors in algorithms and programs.
- ✓ Understand computer networks (including the internet).
- ✓ Use sequence, selection and repetition in programs.
- ✓ Design, write and debug programs to accomplish specific goal.
- ✓ Understand how computer networks can provide multiple services.
- ✓ Work with programs variables and various forms of input and output.
- ✓ Design, write and debug programs including controlling or simulating physical systems.
- ✓ Select, use and combine a variety of software on a range of digital devices to design and create a range of programs, systems and content.
- ✓ Use search technologies effectively.
- ✓ Appreciate how search results are selected and ranked.
- ✓ Use technology safely, respectfully and responsibly.
- ✓ Recognise acceptable and unacceptable behaviours.

