

Lostwithiel Primary School Assessment Grid

 COMPUTING ASSESSMENT GRID Year 6	Well Below	Working Towards	Expected	Above
Computer Science	Solve problems by decomposing them into smaller parts Use selection in programs Work with variables Use logical reasoning to explain how some simple algorithms work Use logical reasoning to detect and correct errors in algorithms Understand computer networks including the internet Appreciate how search results are ranked	Begin to design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts Begin to use sequence, selection, and repetition in programs; work with variables and various forms of input and output Begin to use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs Begin to understand computer networks including the internet; how they can provide multiple services, such as the World Wide Web Start to appreciate how [search] results are selected and ranked	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 Appreciate how [search] results are selected and ranked	Use computational abstractions Model state of real world problems Use a programming language to solve computational problems Understand simple Boolean logic Understand how numbers can be represented in binary Understand the hardware components that make up computer systems Understand how text can be represented digitally in the form of binary digits Understand how pictures can be represented digitally in the form of binary digits
Information Technology	Combine a variety of software to accomplish given goals Select use and combine software on a range of digital devices Analyse data Evaluate data Design and create systems	Begin to use search technologies effectively 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 search technologies effectively 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	Undertake creative projects with challenging goals Use multiple applications [Work with] applications across a range of devices Collect data
Digital Literacy	Understand the opportunities computer networks offer for collaboration Be discerning in evaluating digital content	Begin to understand the opportunities [networks] offer for communication and collaboration Be discerning in evaluating digital content Begin to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact	Understand the opportunities [networks] offer for communication and collaboration Be discerning in evaluating digital content Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact	Understand a range of ways to use technology respectfully Recognise inappropriate content Recognise inappropriate contact Recognise inappropriate conduct Know how to report concerns Reuse digital artefacts for a given audience Attend to usability of digital artefacts Understand a range of ways to use technology safely
AUTUMN TERM Computer Science - An hour of code Information Technology- Searching Online				

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SPRING TERM Digital Literacy - Animation Digital Literacy - Presentations				
SUMMER TERM Digital Literacy - Data Handling Internet Safety				