**Skills progression for ICT**

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| **Skill** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Digital literacy** | * Recognise common uses of information technology outside school
* Use technology safely, respectfully and responsibly.
* Recognise acceptable / unacceptable behaviour
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* Identify a range of ways of reporting concerns about contact and content
 | * Use technology safely, respectfully and responsibly.
* Recognise acceptable / unacceptable behaviour.
* Identify a range of ways of reporting concerns about contact and content
* Understand the opportunities networks offer for communication and collaboration
 | * Use technology safely, respectfully and responsibly.
* Recognise acceptable / unacceptable behaviour.
* Identify a range of ways of reporting concerns about contact and content
* Understand the opportunities networks offer for communication and collaboration
* Be discerning in evaluating digital content
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| **Information Technology** | * Use technology purposefully to create, organise, store, manipulate and retrieve digital content
 | * Use search technologies effectively
* Use and combine a range of software on a range of digital devices
 | * Use search technologies effectively
* Select, use and combine a range of software on a range of digital devices.
* Create a range of programs, systems and content that accomplish given goals
* Collect and present data and information
 | * Use search technologies effectively
* Select, use and combine a range of software on a range of digital devices.
* Create a range of programs, systems and content that accomplish given goals
* Collect, analyse, evaluate and present data and information
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| **Computer science** | * Understand what algorithms are and how they are implemented on digital devices
* Use logical reasoning to predict the behaviour of simple programs
 | * Use logical reasoning to explain how some simple algorithms work and correct errors
* Debug programs that accomplish specific goals
* Use sequence and repetition in programs
* Appreciate how search results are selected and ranked
* Understand computer networks including the internet and how they can provide multiple services
 | * Use logical reasoning to explain how some simple algorithms work and correct errors
* Write and debug programs that accomplish specific goals including controlling or stimulating physical systems
* Solve problems by decomposing them into smaller parts
* Use sequence and repetition in programs
* Work with variables and various forms of input and output
* Understand computer networks including the internet and how they can provide multiple services
* Appreciate how search results are selected and ranked
 | * Use logical reasoning to explain how some simple algorithms work and correct errors
* Write and debug programs that accomplish specific goals including controlling or stimulating physical systems
* Solve problems by decomposing them into smaller parts
* Use sequence and repetition in programs
* Work with variables and various forms of input and output
* Understand computer networks including the internet and how they can provide multiple services and the opportunities for communication and collaboration
* Appreciate how search results are selected and ranked
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Year 3 are mainly following KS1 objectives to fill in gaps in knowledge and understanding to allow them to fully access the KS2 curriculum.