

## Age related Key Performance indicators (Taken from National Curriculum)

KPIs	CS (Computer Science)	IT (Information Technology)	DL (Digital Literacy)
<b>Year 1</b>	<p>Understand what algorithms are</p> <p>Create simple programs</p>	<p>Use technology purposefully to create digital content</p> <p>Use technology purposefully to store digital content</p> <p>Use technology purposefully to retrieve digital content</p>	<p>Use technology safely</p> <p>Keep personal information private</p>
<b>Year 2</b>	<p>Understand that algorithms are implemented as programs on digital devices</p> <p>Understand that programs execute by following precise and unambiguous instructions</p> <p>Use logical reasoning to predict the behaviour of simple program</p> <p>Debug simple programs</p>	<p>Use technology purposefully to organise digital content</p> <p>Use technology purposefully to manipulate digital content</p>	<p>Recognise common uses of information technology beyond school</p> <p>Use technology respectfully</p> <p>Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies</p>
<b>Year 3</b>	<p>Write programs that accomplish specific goals</p> <p>Use sequence in programs</p> <p>Work with various forms of input</p> <p>Work with various forms of output</p>	<p>Use a variety of software to accomplish given goals</p> <p>Collect information</p> <p>Design and create content</p> <p>Present information</p>	<p>Use technology responsibly</p> <p>Identify a range of ways to report concerns about contact</p>
<b>Year 4</b>	<p>Design programs that accomplish specific goals</p> <p>Debug programs that accomplish specific goals</p> <p>Use repetition in programs</p>	<p>Select a variety of software to accomplish given goals</p> <p>Select, use and combine internet services</p> <p>Collect data</p>	<p>Understand the opportunities computer networks offer for communication</p> <p>Identify a range of ways to report concerns about content</p>

	<p>Use logical reasoning to detect and correct errors in programs</p> <p>Understand how computer networks can provide multiple services, such as the world wide web</p> <p>Appreciate how search results are selected</p>	Present data	Recognise acceptable / unacceptable behaviour
<b>Year 5</b>	<p>Solve problems by decomposing them into smaller parts</p> <p>Use selection in programs</p> <p>Control or simulate physical systems</p> <p>Use logical reasoning to explain how some simple algorithms work</p> <p>Appreciate how search results are ranked</p>	<p>Combine a variety of software to accomplish given goals</p> <p>Select use and combine software on a range of digital devices</p> <p>Use search technologies effectively</p> <p>Analyse information</p> <p>Evaluate information</p>	Be discerning in evaluating digital content
<b>Year 6</b>	<p>Understand computer networks including the internet</p> <p>Use logical reasoning to detect and correct errors in algorithms</p> <p>Work with variables</p>	<p>Design and create systems</p> <p>Analyse data</p> <p>Evaluate data</p>	Understand the opportunities computer networks offer for collaboration

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