

Level 5 → Level 6 ICT

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Combine the use of ICT tools within the overall structure of an ICT solution	Increased integration and efficiency
	Plan and design ICT-based solutions to meet a specific purpose and audience
Critically evaluate fitness for purpose	They develop and refine their work to enhance its quality.
Select information needed for different purposes, check its accuracy and organise it in a form suitable for processing. An increased range of quantitative and qualitative information is considered.	Use information from a range of sources and use complex lines of enquiry to solve problems and test hypotheses
Structure and refine information in different forms and styles for specific purposes and audiences	Present their ideas in a variety of ways and show a clear sense of audience
Exchange information and ideas with others in a variety of ways, including using digital communications	
Explore the effects of changing the variables in an ICT-based model	Make predictions and vary the rules with models. They assess the validity of their ICT-based models by comparing their behaviour with information from other sources
Create sequences of instructions to control events, and understand the need for precision	Develop, try out and refine sequences of instructions to monitor, measure and control events, and show efficiency in framing these instructions using subroutines where appropriate
Monitor and measure external events with sensors	
Use ICT to organise, store and retrieve information using logical and appropriate structures	They plan and review their work, creating a logically structured portfolio of digital evidence of their learning
Use ICT safely and responsibly	
Discuss their knowledge and experience of using ICT and their observations of its use outside school	

Assess the use of ICT in their work and are able to reflect critically in order to make improvements in subsequent work	Discuss the impact of ICT on society
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