

Requirements for Using ICT

Across the curriculum, at a level appropriate to their ability, pupils should be enabled to develop ICT skills to:

Explore

- access and manage data and information;
- research, select, process and interpret information;
- investigate, make predictions and solve problems through interaction with digital tools;
- understand how to keep safe and display acceptable online behaviour.

Express

- create, develop, present and publish ideas and information using a range of digital media;
- manipulate information and multimedia products using a range of assets.

Exchange

- communicate using a range of contemporary methods and tools;
- share, collaborate, exchange and develop ideas digitally.

Evaluate

- talk about, review and make improvements to work, reflecting on the process and outcome;
- consider the sources and resources used.

Exhibit

- manage and present their stored work;
- showcase their learning across the curriculum.

Draft Levels of Progression in Using ICT across the curriculum: Key Stage 3

The colours used in this document provide a means by which progression in the requirements may be tracked across the levels.

Level 1 Pupils can	Level 2 Pupils can	Level 3 Pupils can	Level 4 Pupils can	Level 5 Pupils can	Level 6 Pupils can	Level 7 Pupils can
<p>access information from a given digital source</p> <p>explore and interact with a digital device or environment</p>	<p>access, select and use information from a given digital source</p> <p>carry out a series of instructions using a digital device or environment</p>	<p>access, select, edit and use information from given digital sources</p> <p>carry out and edit a series of instructions, make predictions and solve problems using a digital device or environment</p>	<p>research, select, edit and use assets from a range of digital sources</p> <p>investigate and solve problems in a digital environment</p> <p>demonstrate an awareness of acceptable online behaviour</p>	<p>research, select, edit, use and evaluate assets from a range of digital resources</p> <p>investigate and solve problems in a range of digital environments</p> <p>demonstrate acceptable online behaviour</p>	<p>research, select and evaluate assets from a range of digital resources, justifying and referencing their sources</p> <p>investigate and solve problems in digital environments by developing and manipulating models</p> <p>demonstrate acceptable online behaviour using agreed protocols</p>	<p>research, select and evaluate assets from a range of sources, found and created, discriminating the relevance, reliability and accuracy of this information, justifying and referencing their sources</p> <p>investigate and solve problems in digital environments by designing solutions to meet the needs of the user</p> <p>demonstrate acceptable online behaviour, showing an awareness of conventions and protocols associated with different environments</p>
<p>express ideas by creating pictures and composing text or adding own voiceover</p> <p>present their ideas in different ways including graphical forms</p>	<p>create and edit text onscreen, combine images and/or sound</p> <p>collect, enter and present data, making observations</p>	<p>communicate and develop ideas by creating and editing text onscreen - combine this with appropriate, selected images and/or sound</p> <p>collect, enter, organise and present data and draw conclusions</p>	<p>process found or self-produced assets, including text, number, sound, still or moving images, and combine these to create, present and communicate their work, showing an awareness of audience and purpose</p>	<p>process found and self-produced assets, integrating text, number, sound, still and moving images to create, present and communicate their products, demonstrating a clear understanding of audience and purpose</p>	<p>manipulate and integrate a combination of text, number, sound, still and moving images, to create, present and communicate their information and multimedia products, for specific audiences and purposes</p>	<p>exploit a range of appropriate software facilities, which may include digital video, web and multimedia authoring software, to produce a solution which meets user needs</p>
		<p>understand that digital methods can be used to communicate</p>	<p>use contemporary digital methods to communicate</p>	<p>use a range of contemporary digital methods to communicate, share and exchange information with peers</p>	<p>use a range of contemporary digital methods to communicate, share and exchange information with peers, experts and end users</p>	<p>exploit contemporary communication methods to collaborate, share and exchange ideas and information with peers, experts and end users, contributing to a collaborative global environment</p>
	<p>talk about how to improve their work</p>	<p>make modifications to their work</p>	<p>use appropriate ICT tools and features to improve work</p>	<p>use appropriate ICT tools and features to carry out ongoing improvements and reflect on process and outcome</p>	<p>review their use of ICT, routinely evaluating and justifying the processes and outcomes</p>	<p>review their use of ICT, testing and adjusting work as necessary, collecting and responding to the views of end users and to client needs</p>
<p>print their work</p>	<p>save their work</p>	<p>save work for further use, using meaningful file names</p> <p>select and store work in a digital bank to showcase learning</p>	<p>organise, store and retrieve their work</p> <p>select and organise their work in a digital bank to showcase learning</p>	<p>organise, store and maintain their work</p> <p>manage a digital bank of work to showcase learning across the curriculum</p>	<p>manage their stored work showing an awareness of format, portability and size</p> <p>develop, maintain and present a digital bank of work to showcase learning across the curriculum</p>	<p>manage, store and present work taking account of format, size, portability, copyright, versioning</p> <p>exploit appropriate ICT tools to develop, manage and present a logically structured digital bank of work to showcase learning across the curriculum</p>