

# ICT and Level C Maths

The following table highlights the ICT attainment outcomes and skills that *could* be developed through the maths Level C curriculum. The table only shows Level C ICT skills and not those at levels B and A which would also be developed, e.g. *Start and close and application* or *Save and retrieve work independently*.

Strand	Attainment Outcome
Using the technology	<ul style="list-style-type: none"> <li>• Use the components of a 'windows' environment</li> <li>• Use a computer securely and responsibly</li> <li>• Use a computer on a network</li> <li>• Use another input device</li> </ul>
Creating and presenting	<ul style="list-style-type: none"> <li>• Create and edit a document, for example report, newspaper article, letter using increasingly extended text handling features</li> <li>• Create a document with text and graphics using more sophisticated software</li> <li>• Create a simple multimedia presentation, for example slide show/web page using appropriate software</li> </ul>
Collecting and analysing	<ul style="list-style-type: none"> <li>• Understand the structure of a database</li> <li>• Interrogate a database</li> <li>• Create a simple database</li> <li>• Produce reports independently</li> </ul>
Searching and researching	<ul style="list-style-type: none"> <li>• Use Teletext</li> <li>• Access CD-ROMs independently</li> <li>• Use a web browser independently</li> <li>• print selectively</li> </ul>
Communicating and collaborating	<ul style="list-style-type: none"> <li>• Manage their own electronic communications for example managing a mailbox</li> <li>• Show an awareness of the style of communication (genre)</li> <li>• Be aware, and describe issues surrounding responsible use</li> </ul>
Controlling and modelling	<ul style="list-style-type: none"> <li>• Control an external device by giving instructions in single steps, for example floor turtle/robot arm</li> <li>• Use more complex simulation/adventure games requiring a higher level of decision-making</li> </ul>
Developing informed attitudes	<ul style="list-style-type: none"> <li>• Recognise and appreciate the role of ICT in accessing information and knowledge, fostering creativity and facilitating the exchange of ideas</li> <li>• Appreciate the personal and societal benefits of ICT</li> <li>• Become aware of the implications of the uses of ICT in different situations, for example the workplace, home</li> <li>• Appreciate the need for responsible uses of ICT and the need to protect information, individuals and society from its misuse</li> <li>• Appreciate when it is and is not appropriate to use ICT</li> </ul>