

	Finding things out	Developing ideas and making things happen	Exchanging and sharing information	Reviewing, modifying and evaluating work
<p>Level 4</p> <p>I should be able to:</p> <p>combine and refine information from various sources</p> <p>interpret and question the plausibility of information</p>	<p>I plan my questions carefully when creating information to be stored</p> <p>I understand the need for care in framing questions when using a CD-ROM, a database or the internet</p> <p>I can save the information, add to, amend and combine different forms of information such as tables, number and text from a variety of sources</p> <p>I can interpret my findings, check that my results make sense and recognise that poor quality information leads to unreliable results</p>	<p>I can use ICT to present different forms of information such as tables, charts, number, text and images</p> <p>I can create a set of instructions which I have planned for a particular task</p> <p>I can use ICT systems to measure data e.g. light, heat, sound etc.</p> <p>I use a computer to investigate changes in patterns and relationships. I make changes to find out what happens</p> <p>I can usually predict what might happen</p>	<p>I am aware of my intended audience</p> <p>The quality of my presentation is suitable to the audience I am writing for</p> <p>I can exchange information and ideas with others in a variety of ways, including the use of e-mail</p>	<p>I can compare how I use ICT with other methods and with how it is used outside of school</p>
<p>Level 5</p> <p>I should be able to:</p> <p>combine the use of ICT tools within the overall structure of an ICT solution</p> <p>evaluate the fitness for purpose of my work</p>	<p>I can select the necessary information for a particular purpose when using a CD-ROM, a database or the internet</p> <p>I can check it is accurate and organise this information so that it is ready for processing</p> <p>I can check the accuracy of my results</p>	<p>I can use ICT to organise, refine and present different forms of information</p> <p>I can create a set of instructions to carry out a task. I know that the order and accuracy of these instructions are important</p> <p>I understand how ICT devices can be used to monitor and measure external events using sensors</p> <p>I can use an ICT model to test out an idea. I change values in the model to see if my idea is right or wrong</p>	<p>I can use different styles for specific purposes and audiences</p> <p>I can exchange information and ideas with others in a variety of ways, including the use of e-mail</p>	<p>I can discuss my knowledge and experience of using ICT and my experience of its use outside school</p> <p>I can assess the use of ICT in my work, reflect and then make improvements</p>
<p>Level 6</p> <p>I should be able to:</p> <p>show increased integration and efficiency in the use of ICT tools</p> <p>consider a greater range and complexity of information</p>	<p>I can develop and refine information from a range of sources to improve it</p> <p>Where necessary, I can use complex lines of enquiry or searches to test hypotheses</p>	<p>I can use ICT to present, develop and refine my ideas in a variety of ways with a clear sense of audience</p> <p>I can develop and test a set of instructions to carry out a task. I can make changes to improve efficiency</p> <p>I can use a model to make predictions and can vary the rules of this model.</p> <p>I can decide if the model is working well by comparing with information from other sources</p>	<p>I have a clear sense of audience</p>	<p>I can discuss the wider impact of ICT on society</p>
<p>Level 7</p> <p>I should be able to:</p> <p>establish the range of information and define, implement and refine ICT systems</p> <p>make use of audience feedback to enhance ICT solutions</p>	<p>I can combine information from a variety of ICT-based and other sources</p> <p>I can select and use suitable information systems, translating enquiries expressed in ordinary language into forms required by the computer software</p> <p>I can identify the advantages and limitations of different information-handling applications and sources and refine and improve my work based on my investigation</p>	<p>I can use ICT to measure, record and analyse physical variables and control events</p> <p>I know about sensors and can choose which to use, how often to log the readings and how long to log the readings for. I link my use of sensors to control events</p> <p>I can design a computer model, enter the correct formula or procedure and test it with variables to meet particular needs</p>	<p>I can combine information from a variety of ICT-based and other sources</p> <p>I can use ICT to make a presentation to different audiences and I can use audience feedback to improve the presentation</p>	<p>I can discuss the wider impact of ICT on society in an informed way</p> <p>I consider the benefits and limitations of ICT tools and information sources (such as the Internet) and the limitations of the results they produce. I can use these results to inform my judgements about the quality of my work</p>
<p>Useful websites for examples of levelled work: http://www.northerngrid.org/ep.htm http://www.ncaction.org.uk/subjects/ict/index.htm</p>				