(Our!) new NC level descriptors for ICT

Level 4
- You can combine and refine information from different sources.
- You understand the need for care in framing questions when finding information.
- You know that poor quality information leads to unreliable results.
- You can use ICT to present information in different ways.
- You are aware of your target audience, and tailor your work to fit their needs.
- You understand the need for quality in your presentations.
- You exchange ideas with each other in a variety of ways, including digitally.
- You understand the risks of digital communication.
- You can plan and test sequences of instructions.
- You can use ICT models to explore patterns, and make predictions.
- You use ICT to organise, store and access your information.
- You compare your use of ICT with other methods, and with its use outside school.

Level 5
- You use several ICT tools to complete a large problem or task.
- You select information you need carefully, check its accuracy, and organise it appropriately.
- You use ICT to structure, refine and present information in different forms and styles for your target audience.
- You create sequences of instructions, and understand the need to be precise when doing so.
- You explore the effects of changing variables in an ICT-based model.
- You use ICT to organise, store and retrieve information using logical structures.
- You use ICT safely and responsibly.
- You discuss your knowledge of ICT and what you have seen of its use outside school.
- You assess the use of ICT in your work, and reflect on it in order to make improvements in future work.
- You evaluate your work to ensure it is fit for its purpose.

Level 6
- You plan and design ICT-based solutions tailored to meet a specific purpose and audience, showing an integrated, efficient use of various ICT tools.
- You develop and refine your work, and use a greater range and complexity of information.
- You can use complex questions to test hypotheses.
- You present your ideas in a variety of ways, and show a clear sense of audience.
- You develop, try out and refine sequences of instructions, using sub-routines where appropriate.
- You use ICT-based models to make predictions, and vary the rules within these models.

Adapted from DCSF level descriptors for Royds Hall High School
Downloaded from http://www.james-greenwood.com
- You assess the validity of these models by comparing their behaviour with information from other sources.
- You plan and review your work, creating a structured portfolio of digital evidence of your learning.
- You discuss the impact of ICT on society.

**Level 7**
- You design and implement systems.
- You are able to record and document the steps required to develop an ICT system.
- You combine information from a variety of ICT-based and other sources for presentation to different audiences.
- You identify the advantages and limitations of different applications.
- You select and use information to develop systems suited to work in different contexts.
- You develop, test and refine sequences of instructions as part of an ICT system to solve problems.
- You design ICT-based models and procedures with variables that meet their particular needs.
- You consider the benefits and limitations of the tools and sources at your disposal, and use this information to inform future judgements about the quality of your work.
- You make use of audience and user feedback to refine your ICT solutions.
- You take part in informed discussions about the use of ICT and its impact on society.

**Level 8**
- You independently select suitable sources and tools for specific tasks.
- You design successful ways to collect and prepare information for processing.
- You design and implement systems for others to use.
- You take part in informed discussions about the social, economic, ethical and moral issues raised by ICT.