



ICT/COMPUTING – KEY CONCEPTS

Concept	Key Stage	What understanding and using that concept looks like
Networks	KS3	Understand how networks can be used to retrieve and share information, and how this has associated risks
Creating Media	KS3	Select and create a range of media including text, images, sounds and video
Data and Information	KS3	Understand how data is stored, organised and used to represent real world artefacts and scenarios
Design and Development	KS3	Undertake appropriate activities involved in planning, creating and evaluating computing artefacts
Computing Systems	KS3	Understand the definition of a computer and how its constituent parts function together as a whole
Impact of Technology	KS3	Understand how individuals, systems and society as a whole interact with computer systems
Algorithms	KS3	Demonstrate an ability to comprehend, design, create and evaluate algorithms
Programming	KS3	Create software to allow computers to solve problems
Effective Use of Tools	KS3	Use software tools to support computing work
Safety and Security	KS3	Understand risks when using technology and how to protect individuals and systems

