YE	YEAR 2 May 2014										
	Computer Science	Information Technology	Digital Literacy								
	Understand that algorithms are implemented as programs on digital devices	Use technology purposefully to organise digital content	Use technology respectfully								
	Explore the effects of changing simple variables in models and simulations, asking 'What if?' questions. (S&SM)	Select appropriate images and sounds to add to work. (TM)	Begin to use webcams and /or video conferencing as a class.(EC)								
	Talk about rules found in simulations and how these affect choices. (S&SM)	Select text using an appropriate method and make simple changes e.g. colour, style and size.(TM)	Send an email, using a subject heading, to a known member of the school community, e.g. another class, teacher, bursar. (EC)								
	Interpret and draw conclusions from graphs, discuss information contained and answer simple questions. (DH)	Word process short texts, working directly at the computer rather than 'copying up' written work.(TM)	Open and reply to an email from a known person. (EC)  Contribute to a blog, journal or forum on the school's website(EC)								
	Use basic search tools in a prepared database to answer simple questions (DH)	Create simple presentations for different purposes using templates for support.(TM)									
	Know that users can develop their own programs, and can	Independently enter, save, print, retrieve and amend work.(TM)	Develop an awareness of appropriate language to use in email and other forms of digital communication. (EC)								
	demonstrate this by creating a simple program in an environment that does not rely on text e.g. programmable robots etc.	Create a sequence of images to form a short Animation.(IVA)  Independently enter save and retrieve work (IVA)	Use appropriate strategies for finding, critically evaluating, validating and verifying information. (DR)								
YEAR 2		Create and edit sounds and musical phrases for a purpose(S)	Recognise what is acceptable and unacceptable behaviour when using technologies and online services.								
YE		Independently save and retrieve sound files. (S)  Sort and classify groups of items by asking simple yes / no	To understand to stay safe online by choosing sites that are								
	Recognise that a range of digital devices can be considered a computer.	questions. (DH)	good for them to visit avoiding sites that are inappropriate.								
	Understand that programs execute by following	Use a branching database program, where appropriate, to sort and identify items. (DH)	To learn that the information they put online leaves a digital footprint.								
	precise and unambiguous instructions	Use basic search tools in a prepared database to answer									
	Plan, generate and follow a sequence of commands to complete a task of problem e.g. reproduce a simple geometric shape or pattern on screen (L&C)	simple questions.(DH)  Recognise different types of data: text, number.	Understand that searching with key words is an effective way to locate information on the internet. How can key words be selected to produce the best results?								
	Make predictions when controlling devices and describe the effects (L&C)	Appreciate that programs can work with different types of data. Recognise that data can be structured in tables to make it useful.									
	Make changes to improve the effectiveness of commands (L&C)	Navigate the web and can carry out simple web searches to collect digital content.									
	Explore the effects of changing simple variables in models and simulations, asking 'What if?' questions. (S&SM)	Use technology with increasing independence to purposefully organise digital content.									
	Talk about rules found in simulations and how these affect choices. (S&SM)										

YEAR 2	Use a variety of software to manipulate and present digital content: data and information. Share their experiences of technology in school and beyond the classroom. Talk about their work and make improvements to solutions based on feedback received.					
Key for Lancashire Progressions: TM = Text & Multimedia		ı	IVA = Images, Video & Animation	<b>S</b> = Sound		EC = Electronic Communication
DR = Digital Research  DH = Data Handling		ı	<b>DL</b> = Data Logging	LC = Logo	& Control	SSM = Simulations & Spreadsheet modelling