

	<b>COMPUTING OBJECTIVES</b>
<b>E-safety</b>	FS2 I can tell an adult when something worrying or unexpected happens while I am using the internet
	FS2 I can talk about the amount of time I spend using a computer/tablet/game device
	FS2 I can use a safe part of the internet to play and learn
	Y1 I can keep my password private
	Y1 I can tell you what personal information is
	Y1 I can tell an adult when I see something unexpected or worrying online
	Y2 I can explain why I need to keep my password and personal information private
	Y2 I can talk about why it is important to be kind and polite online and in real life
	Y2 I know that not everyone is who they say they are on the internet
	Y3 I can talk about what makes a secure password and why they are important
	Y3 I can protect my personal information when I do different things online
	Y3 I can make good choices about how long I spend online, recognising websites and games appropriate for my age
	Y3 I know I need to ask an adult before downloading files and games from the internet
	Y4 I can talk about the ways I can protect myself and my friends from harm online, including when I should report concerns to an adult
	Y4 I know that anything I share online can be seen by others
	Y4 I can talk about why I need to ask a trusted adult before downloading files and games from the internet
	Y5 I can choose a secure password and appropriate screen name and protect it
	Y5 I can explain why I need to protect myself and my friends and the best ways to do this, including reporting concerns to an adult
	Y5 I know that anything I post online can be seen, used and may affect others
	Y5 I can talk about the dangers of spending too long online or playing a game and the importance of choosing an age-appropriate website, app or game
	Y5 I can explain why I need to protect my computer or device from harm
	Y6 I can explain the consequences of sharing too much about myself online and the need to protect passwords and personal information
	Y6 I support my friends to protect themselves and make good choices online, including reporting concerns to an adult
	Y6 I can explain the consequences of spending too much time online or on a game
Y6 I can explain the consequences to myself and others of not communicating kindly and respectfully	
Y6 Know how I protect my computer or device from harm on the internet	
<b>Programming</b>	FS2 I can make a floor robot move
	FS2 I can use simple software to make something happen
	FS2 I can make choices about the buttons and icons I press, touch or click on
	Y1 I can describe what actions I will need to do to make something happen and begin to use the word algorithm
	Y1 I can begin to predict what will happen for a short sequence of instructions when using software/apps to create movement and patterns on a screen
	Y1 I can use the word debug when I correct mistakes when I program
	Y2 I can tell you the order I need to do things to make something happen and talk about this as an algorithm
	Y2 I can use programming software to make objects move
	Y2 I can watch a program execute and spot where it goes wrong so I can debug it
	Y3 I can break an open-ended problem up into smaller parts
	Y3 I can put programming commands into a sequence to achieve a specific outcome, including using repeat commands
	Y3 I keep testing my program and can recognize when I need to debug it
	Y4 I can use logical thinking to solve an open-ended problem to solve an open-ended problem by breaking it up into smaller parts
	Y4 I can use a sensor to detect a change which can select an action within my program
	Y4 I know that I need to keep testing my program while I am putting it together and debug errors
	Y4 I recognize that an algorithm will help me sequence more complex programs
	Y5 I can decompose a problem into smaller parts to design an algorithm for a specific outcome and use this to write a program
	Y5 I can refine a procedure using repeat commands and use "if" and "then" commands to select an action when improving programs
	Y5 I can change an input to a program to achieve different output
	Y5 I can talk about how a computer model can provide information about a physical system
	Y5 I can use logical reasoning to detect and debug mistakes in a program
	Y5 I use logical thinking, imagination and creativity to extend a program
	Y6 I can deconstruct a problem into smaller steps, recognizing similarities to solutions used before
	Y6 I can explain and program each of the steps in my algorithm
Y6 I can recognize when I need to use a variable to achieve a required output	
Y6 I can use a variable and operators to stop a program	
Y6 I can use different inputs (including sensors) to control a device or onscreen action and predict what will happen	
Y6 I can use logical reasoning to detect and correct errors in algorithms and programs	
<b>Handling data</b>	FS2 I can tell you about different kinds of information such as pictures, video, text and sound
	Y1 I can use technology to collect information, including photos, video and sound
	Y2 I talk about the different ways I use technology to collect information, including a camera or sound recorder
	Y3 I can collect data to help me answer a question
	Y4 I can collect and organize data and identify where it could be inaccurate
	Y4 I can choose the best way to present data to my friends
	Y5 I can use a spreadsheet and database to collect and record data and am beginning to use search functions to analyse my data
	Y5 I can use an appropriate tool to help me collect data
	Y5 I can present data in an appropriate way
	Y6 I can select the most effective tool to collect data for my investigation
	Y6 I can check the data I collect for accuracy and plausibility
	Y6 I can interpret and present the data I collect in an appropriate way
Y6 I use the skills I have developed to interrogate a database	
<b>Multimedia</b>	FS2 I can move objects on a screen
	FS2 I can create shapes and text on a screen
	FS2 I can use technology to show my learning
	Y1 I can use technology to create and present my ideas

	Y1 I can use the keyboard or word bank on my device to enter text
	Y1 I can save information in a folder and retrieve it again
	Y2 I can use technology to organize and present my ideas in different ways
	Y2 I can use the keyboard on my device to add, delete and space text for others to read
	Y2 I can tell you about an online tool that will help me to share my ideas with other people
	Y2 I can save and open files on the device I use
	Y3 I can combine a mixture of text, graphics and sound to share my ideas and learning
	Y3 I can use appropriate keyboard commands to amend text on my device, including making use of a spellchecker
	Y3 I can use an appropriate tool to share my work online (eg school website)
	Y3 I can save and retrieve work on the school network or my own device
	Y4 I can change to appearance of text to increase its effectiveness
	Y4 I can create, modify and present documents for a particular purpose
	Y4 I can use a keyboard confidently and make use of a spellchecker to write and review my work
	Y5 I can use photos, video and sound to create an atmosphere when presenting to different audiences
	Y5 I can use text, photo, sound and video editing tools to refine my work
	Y6 I can select an appropriate tool to communicate and collaborate online
	Y6 I can combine a range of media, recognizing the contribution of each to achieve a particular outcome
Technology in our lives	FS2 I can tell you about technology that is used at home and in school
	FS2 I can operate simple equipment
	FS2 I am careful with technology devices
	Y1 I can recognize the ways we use technology in our classroom, homes and community
	Y1 I can use links to websites to find information
	Y1 I can begin to identify some of the benefits of using technology
	Y2 I am starting to understand that other people have created the information I use
	Y2 I can identify benefits of using technology including finding information, creating and communicating
	Y3 I can talk about the parts of a computer
	Y3 I can describe the World Wide Web as part of the internet that contains websites
	Y3 I can use search tools to find and use an appropriate website
	Y4 I can tell you whether a resources I am using is on the internet, the school network or my own device
	Y5 I can use a search engine to find appropriate information and check its reliability
	Y5 I can recognize and evaluate different types of information I find on the web
	Y5 I can describe the different parts of a webpage
	Y5 I can find out who the information on a webpage belongs to
	Y5 I can describe the ways in which websites advertise their products to me
	Y6 I can tell you the internet services I need to use for different purposes
	Y6 I can describe how information is transported on the internet
	Y6 I can talk about the way search results are selected and ranked
	Y6 I can check the reliability of a website
	Y6 I can tell you about copyright
	Y6 I know that websites can use my data to make money and target their advertising