



Coverage of LKS2 objectives

LKS2	Objective (those in bold are the NC end of KS2 objectives)	Pupils working towards	Pupils working at	Pupils working beyond
E-Safety	<p>I understand the need for rules to keep me safe when exchanging learning and ideas online.</p> <p>I can recognise that information on the internet may not be accurate or reliable and may be used for bias, manipulation or persuasion.</p> <p>I understand that the internet contains fact, fiction and opinion and begin to distinguish between them.</p> <p>I can understand the need for caution when using an internet search for images and what to do if they find an unsuitable image.</p> <p>I can understand the need to keep personal information and passwords private.</p> <p>I can understand that if I make personal information available online it may be seen and used by others.</p> <p>I know how to respond if asked for personal information or feel unsafe about content of a message.</p> <p>I can recognise that cyber bullying is unacceptable and will be sanctioned in line with the school's policy.</p> <p>I know how to report an incident of cyber bullying.</p> <p>I know the difference between online communication tools used in school and those used at home.</p> <p>I can understand the need to develop an alias for some public online use.</p> <p>I can understand that the outcome of internet searches at home may be different than at school.</p> <p>To use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p>			



<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Algorithms & Programs</p>	<p>I can experiment with variables to control models.</p> <p>I can use 90 degree and 45 degree turns.</p> <p>I can give an on-screen robot directional instructions.</p> <p>I can draw a square, rectangle and other regular shapes on screen, using commands.</p> <p>I can write more complex programs.</p> <p>I can use repeat instructions to draw regular shapes on screen, using commands.</p> <p>I can experiment with variables to control models.</p> <p>I can make turns specifying the degrees.</p> <p>I can give an on-screen robot specific directional instructions that takes them from x to y.</p> <p>I can make accurate predictions about the outcome of a program I have written.</p> <p>To design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.</p> <p>To use sequence, selection, and repetition in programs; work with variables and various forms of input and output.</p> <p>To use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p>			
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Databases</p>	<p>I can input data into a prepared database.</p> <p>I can sort and search a database to answer simple questions.</p> <p>I can use a branching database.</p> <p>I can recognise what a spread sheet is.</p> <p>I can use the terms 'cells', 'rows' and 'columns'.</p> <p>I can enter data, highlight it and make bar charts.</p> <p>To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content, that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p>			



<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Data retrieving & organising</p>	<p>I can capture images using a variety of electronic devices.</p> <p>I can review images on a camera/device and delete unwanted images.</p> <p>I can use photo editing software to crop photos and add effects.</p> <p>I can manipulate sound when using simple recording story boarding.</p> <p>I can choose images and download into a file.</p> <p>I can download images from the camera/device into files on the computer.</p> <p>I can copy graphics from a range of sources and paste into a desktop publishing program.</p> <p>To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content, that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p>			
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Using the Internet</p>	<p>I can find relevant information by browsing a menu.</p> <p>I can search for an image, then copy and paste it into a document.</p> <p>I can use 'Save picture as' to save an image to the computer.</p> <p>I can copy and paste text into a document.</p> <p>I can begin to use note making skills to decide what text to copy.</p> <p>I can use a search engine to find a specific website.</p> <p>I can use note-taking skills to decide which text to copy and paste into a document.</p> <p>I can use tabbed browsing to open two or more web pages at the same time.</p> <p>I can open a link to a new window.</p> <p>I can open a document (PDF) and view it.</p> <p>To understand computer networks including the internet; how they can provide multiple services, such as the world-wide web; and the opportunities they offer for communication and collaboration.</p> <p>To use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p>			



Communicating	<p>I can use an email address book.</p> <p>I can open and send an attachment.</p> <p>I can appreciate the benefits of ICT to send messages and to communicate.</p> <p>I can use the automatic spell checker to edit spellings.</p> <p>To understand computer networks including the internet; how they can provide multiple services, such as the world-wide web; and the opportunities they offer for communication and collaboration.</p>			
Presentation	<p>I can create a presentation that moves from slide to slide and is aimed at a specific audience.</p> <p>I can combine text, images and sounds and show awareness of audience.</p> <p>I know how to manipulate text, underline text, centre text, change font and size and save text to a folder.</p> <p>I can insert sound recordings into a multimedia presentation.</p> <p>To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content, that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.</p>			