

## **Computing - End Points Planning Document**



Our Vision: To be able to use technology to enrich their life and the lives of others. Be equipped with skills to create new and interesting programs, systems and models to improve outcomes for everyone. Progressive vocabulary (recorded in red and **Disciplinary Knowledge:** National Curriculum Objectives **Disciplinary Knowledge:** black) and Resources (recorded in red) Substantive Knowledge **Progressive skills Progressive skills EYFS ELGs** Progressive skills may be used **End Points are our objectives** to support End Points. This that all children will work towards to achieve subject will depend on cohort and class needs outcomes. Year R Children are given opportunities to Can I use paint and graphic software Smartie the Penguin Story A and B for EYFS: Personal, Social and Emotional become familiar with a range of input https://www.childnet.com/resources/smartie-the-Development for projects? Use voice recording equipment to devices, including the keyboard and Can I learn about e-safety? penguin/ discuss feelings and relationships mouse, in order to develop the Can I use control technology? **Digiduck Stories** https://www.childnet.com/resources/digiduck-stories/ Physical Development required fine motor skills. Children Can I control and complete games? Use a range of input devices, including have opportunities for exploration Can I use a range of devices (e.g. computer, mouse, keyboard, paint, safety, camera, the keyboard and mouse to develop with a range of working and noncameras, remote control devices, graphics, screen, the required fine motor skills. functioning technology devices walkie talkies)? Camera, computer, Beebot, walkie talkie **Understanding the World** where they can select and use Can I use the internet for online Use control technology within topics technology for a particular learning? purpose. Children will have an being taught Explore and use a range of technology understanding of how they can stay devices within continuous provision safe online. **Expressive Arts and Design** Use paint and graphics applications to design and create pictures, cards and other projects Year 1 Can I predict the outcome of a instruction, command, sequence, order, programmable, PROGRAMMING Can I understand what an instruction is? command on a device? computer, series, control

•	Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts Use sequence, selection, and repetition in programs; work with variables and various forms of input and output Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs	Can I say a simple set of instructions that make something happen? Can I sequence a simple set of instructions that make something happen?	Can I run a command on a floor robot? Can I choose a command for a given purpose? Can I combine commands in a program? Can I run a program on a device?	Beebots, Scratch
•	DATA AND INFORMATION 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	Can I identify that objects can be counted? Can I recognise that information can be presented and in different ways?	Can I collect simple data? Can I show that collected data can be counted? Can I choose an attribute to group objects by? Can I group objects to answer questions? Can I describe a group of objects?	data, attribute, group, present, count
•	CREATING MEDIA 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	Y1 PROGRESSIVE SKILLS Can I explain what different freehand tools do? Can I recognise that computers can be used to create art? Can I decide when it's appropriate to use each tool? Can I compare painting with painting using brushes? Can I recognise that a keyboard is used to enter text into a computer? Can I recognise that the Shift key changes the output of a key? Can I recognise that text can be changed?	Can I create a picture using freehand tools? Can I use shape and line tools when precision is needed? Can I use the fill tool to colour and enclosed area? Can I use the undo button to correct a mistake? Can I combine a range of tools to create a piece of artwork? Can I use a keyboard to enter text into a computer? Can I use punctuation and special characters? Can I select and change text?	tool, freehand, shape, line, fill, undo, document, file, folder, save, open, load, find, record, navigate, website, internet, click, sound, photograph, camera <b>A variety of different IT devices including</b> laptops/iPads.

<ul> <li>COMPUTER SYSTEMS AND NETWORKING</li> <li>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</li> <li>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact</li> </ul>	Can I identify examples of technology? Can I recognise that a computer is an example of technology? Can I recognise that choices are made when using technology? Can I explain why rules are needed when using technology?	Can I recognise that same technology can be used in different ways? Can I identify the main parts of a computer? Can I use a mouse and keyboard? Can I show how to use technology safely?	IT, computing, devices, technology, connect, school, home
		Year 2	
<ul> <li>PROGRAMMING</li> <li>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</li> <li>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</li> <li>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> </ul>	Can I explain what happens when we change the order of instructions? Can I use logical reasoning to predict the outcome of a program? Can I create a program? Can I debug a program that I have written?	Can I create a program? Can I trace a sequence to make a prediction? Can I run a program on a device? Can I test a prediction by running the sequence? Can I debug a program that I have written?	instruction, command, sequence, order, programmable, computer, series, control, digital, algorithm, program, precise, test, angle, turn, direction, device, execute, device, debug Scratch (Laptops/iPads), Beebots

<ul> <li>DATA AND INFORMATION</li> <li>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</li> </ul>	Can I use a tally chart to collect data? Can I compare objects that have been grouped by attributes? Can I construct a comparison question? Can I suggest appropriate headings for tally charts and pictograms? Can I explain that we can present information using a computer? Can I use a computer program to present information in different ways? Can I give examples of why some information should not be shared?	Can I input data on to a computer? Can I use pictograms to answer single-attribute questions? Can I use a computer to view data in different formats? Can I use a computer to answer comparison questions?	data, attribute, group, present, count, pictogram, graph, comparison
<ul> <li>CREATING MEDIA</li> <li>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</li> </ul>	Can I talk about how to take a photograph? Can I make choices when composing my photograph? Can I recognise features of 'good' photographs? Can I identify how a photograph could be improved? Can I recognise that photographs can be changed after they have been taken? Can I recognise that some images are not accurate? Can I identify that computers can be used to play sounds of different instruments? Can I identify that the same pattern can be represented in different ways? Can I compare playing music on instruments with making music on a computer?	Can I capture a digital image? Can I decide which photographs to keep? Can I use zoom to change the composition of a photograph? Can I improve a photograph by retaking it? Can I use filters to edit the appearance of a photograph? Can I experiment with different sounds on a computer? Can I experiment with musical patterns on a computer? Can I use a computer to create a musical pattern? Can I use a computer to play the same music in different ways?	tool, freehand, shape, line, fill, undo, document, file, folder, save, open, load, find, record, navigate, website, internet, click, sound, photograph, camera, keys, space, backspace, text, cursor, shift, special characters, document, file, folder, save, open, load, filter, composition, light, zoom, landscape, portrait
<ul> <li>COMPUTER SYSTEMS AND NETWORKING</li> <li>understand computer networks including the internet; how they can provide multiple services,</li> </ul>	Can I recognise different types of computers used within school? Can I recognise the features of information technology?	Can I describe some uses of computers? Can I identify information technology in and beyond school?	IT, computing, devices, technology, connect, school, home, Email, online, forum, communication

<ul> <li>such as the world wide web; and the opportunities they offer for communication and collaboration</li> <li>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact</li> </ul>	Can I talk about the uses of information technology? Can I explain how information technology benefits us? Can I recognise that choices are made when using information technology?	Can I show how to use information technology safely?	
		Year 3	
<ul> <li>PROGRAMMING</li> <li>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</li> <li>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</li> <li>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> </ul>	Can I explain what a sequence is? Can I identify that a program includes sequences of commands? Can I identify that the sequence of a program is the process? Can I explain that the order of commands can affect a program's output?	Can I build a sequence of commands? Can I combine commands in a program? Can I order commands in a program? Can I create a sequence of commands to produce a given outcome?	instruction, command, sequence, order, programmable, computer, series, control, digital, algorithm, program, precise, test, angle, turn, direction, device, execute, debug, error, fix, improve, change, predict, rotation, angle, input, output, geometric, line, degrees, Scratch (Laptops/iPads) https://hourofcode.com/uk/learn
<ul> <li>DATA AND INFORMATION</li> <li>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,</li> </ul>	Can I investigate questions with yes/no answers? Can I identify attributes that you can ask yes/no questions about? Can I explain that a branching database is an identification tool?	Can I create questions with yes/no answers? Can I choose questions that will divide objects into evenly sized subgroups? Can I identify an object using a branching database?	data, attribute, group, present, count, pictogram, graph, comparison, branch, yes/no, identify Laptops/iPad

systems and content that accomplish given goals	Can I recognise that a data set can be structured using yes/no questions? Can I suggest real-world applications for branching databases?	Can I retrieve information from different levels of the branching database?	
CREATING MEDIA • 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	Can I plan explain that an animation is made up of a sequence of images? Can I recognise that smaller movements create smoother animation? Can I explain the impact of adding other media to an animation? Can I recognise how text and images can be used together to convey information? Can I consider how different layouts can suit different purposes? Can I recognise that DTP pages can be structured with placeholders? Can I consider the benefits of using a DTP application?	Can I plan an animation using a storyboard? Can I capture an image and move a subject between captures? Can I review a captured sequence of frames as an animation? Can I remove frames to improve an animation? Can I add media to enhance an animation? Can I organize text and image placeholders in a page layout? Can I add, remove and edit images within a placeholder? Can I add and edit text within a placeholder? Can I add and edit text within a placeholder? Can I choose fonts and apply effects to text? Can I review a document?	tool, freehand, shape, line, fill, undo, document, file, folder, save, open, load, find, record, navigate, website, internet, click, sound, photograph, camera, keys, space, backspace, text, cursor, shift, special characters, document, file, folder, save, open, load, filter, composition, light, zoom, landscape, portrait, enhance, edit, improve, caption, manipulate, sound, audio, waveform, volume, layer, input, output, microphone, speaker Laptops/iPads, camera
<ul> <li>COMPUTER SYSTEMS AND NETWORKING</li> <li>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</li> <li>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>Use technology safely, respectfully and responsibly;</li> </ul>	Can I describe what an input is? Can I explain that an output is produced by the process? Can I recognise that computers can be connected to each other? Can I explain how computer systems can change the way that we work? Can I recognise that a network is made up of a number of components? Can I identify the benefits of computer networks?	Can I identify input and output devices? Can I explain how a computer system accepts an input and processes it to produce an output? Can I explain how a computer network can be used to share information? Can I identify network devices around me? Can I explain how networks can be connected to other networks?	IT, computing, devices, technology, connect, school, home, Email, online, forum, communication, search engine, network, media, navigate, input, process, output

recognise			
acceptable/unacceptable			
behaviour; identify a range of			
ways to report concerns about			
· · ·			
content and contact			
		Year 4	
<ul> <li>PROGRAMMING</li> <li>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</li> <li>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</li> <li>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> </ul>	Can I explain that we can use a loop command in a program to repeat instructions? Can I identify a loop within a program? Can I explain that there are indefinite loops and count- controlled loops? Can I justify when to use a loop and when not to? Can I explain the importance of instruction order in a loop?	Can I use an indefinite loop to produce a given outcome? Can I use a count-controlled loop to produce a given outcome? Can I plan a program that includes appropriate loops to produce a given outcome? Can I create two or more sequences that run at the same time?	<pre>instruction, command, sequence, order, programmable, computer, series, control, digital, algorithm, program, precise, test, angle, turn, direction, device, execute, debug, error, fix, improve, change, predict, rotation, angle, input, output, geometric, line, degrees, loop, infinite, count-controlled Scratch</pre>
<ul> <li>DATA AND INFORMATION</li> <li>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</li> </ul>	Can I suggest questions that can be answered using a table of data? Can I identify data that can be logged over time? Can I recognise that a sensor can be used as an input device for data collection? Can I explain that a data logger captures 'data points' from sensors over time?	Can I use a digital device to collect data automatically? Can I choose how often to automatically collect data from samples? Can I use a set of logged data to find information? Can I use a computer program to sort data by one attribute? Can I export information in different formats?	data, attribute, group, present, count, pictogram, graph, comparison, branch, yes/no, identify, logging, sensor, data point <b>Data Loggers</b>
CREATING MEDIA • Select, use and combine a variety of software (including internet services) on a range of digital devices to design and	Can I identify that sound can be recorded? Can I identify that an input is needed to record audio, and an output required to play audio?	Can I record sound using a computer? Can I play recorded audio? Can I delete a section of audio?	tool, freehand, shape, line, fill, undo, document, file, folder, save, open, load, find, record, navigate, website, internet, click, sound, photograph, camera, keys, space, backspace, text, cursor, shift, special characters, document, file, folder, save, open, load, filter,

create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information	Can I recognise that audio can be edited? Can I recognise that audio can be layered so that multiple sounds can be played at the same time? Can I use an application to change the whole of a digital image? Can I change the composition of a digital image? Can I use an application to add to the composition of a digital image?	Can I change the volume of tracks in a project? Can I consider the results of editing choices made? Can I recognise that digital images can be changed for different purposes? Can I choose the most appropriate tool for a particular purpose? Can I consider the impact of changes made on the quality of the image?	composition, light, zoom, landscape, portrait, enhance, edit, improve, caption, manipulate, sound, audio, waveform, volume, layer, input, output, microphone, speaker, podcast, audio, sound, layer, iPads
<ul> <li>COMPUTER SYSTEMS AND NETWORKING</li> <li>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</li> <li>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact</li> </ul>	Can I outline how information can be shared via the World Wide Web? Can I recognise the need for security on the internet? Can I describe the types of content/media that can be added, created and shared on the World Wide Web?	Can I explain that the World Wide Web comprises of websites and web pages? Can I describe how to access the World Wide Web? Can I evaluate the reliability of content and the consequences of unreliable content? Can I explain the benefits of the World Wide Web?	IT, computing, devices, technology, connect, school, home, Email, online, forum, communication, search engine, network, media, navigate, collaborate, hyperlink, multiple
		Year 5	
<ul> <li>PROGRAMMING</li> <li>Design, write and debug programs that accomplish specific goals, including controlling or</li> </ul>	Can I use external triggers and infinite loops to control sprites? Can I explain the term variables? Can I edit and add variables to a program?	Can I combine sequences of instructions and procedures to turn devices on and off? Can I use technology to control an external device?	instruction, command, sequence, order, programmable, computer, series, control, controller, digital, algorithm, program, precise, test, angle, turn, direction, device, execute, debug, error, fix, improve, change, predict, rotation, angle, input, output, geometric, line, degrees, variables, prediction, accurate, debug, conditional,

<ul> <li>simulating physical systems; solve problems by decomposing them into smaller parts</li> <li>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</li> <li>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> </ul>	Can I use conditional statements (e.g., 'when', 'if then')? Can I use loops and conditions to refine algorithms? Can I use 'Sensing' to add detail to my program? Can I use external inputs to control external outputs?	Can I design algorithms that use repetition and 2-way selection (if/else statements)? Can I test and debug a program that I have created?	sprite, evaluate, loops, condition-controlled loop, external, internal, triggers, repetition, combine, if, else, selection, condition Crumble Microcontrollers, Scratch (Laptops/iPads)
<ul> <li>DATA AND INFORMATION</li> <li>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</li> </ul>	Can I explain ways that a computer program can organise data? Can I use 'AND' and 'OR' to refine data selection? Can I explain that computer programs can be used to compare data visually? Can I show how to present information to communicate a message?	Can I choose different ways to view data? Can I ask questions that need more than one attribute to answer? Can I choose multiple criteria to search data to answer a given question (AND/OR)? Can I choose suitable ways to present information to other people?	data, attribute, group, present, count, pictogram, graph, comparison, branch, yes/no, identify, logging, sensor, data point, attribute, sort, filter Laptops/iPads
<ul> <li>CREATING MEDIA</li> <li>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</li> </ul>	Can I identify that a vector drawing comprises separate objects? Can I add, select, duplicate and modify objects in a vector drawing? Can I recognise that objects can be modified in groups? Can I present information creatively? Can I trim, arrange and edit audio levels of video to improve the quality of the outcome?	Can I manipulate objects in a vector drawing? Can I combine options to achieve a desired effect? Can I create a vector drawing for a given purpose? Can I analyse information? Can I evaluate information? Can I edit a movie?	tool, freehand, shape, line, fill, undo, document, file, folder, save, open, load, find, record, navigate, website, internet, click, sound, photograph, camera, keys, space, backspace, text, cursor, shift, special characters, document, file, folder, save, open, load, filter, composition, light, zoom, landscape, portrait, enhance, edit, improve, caption, manipulate, sound, audio, waveform, volume, layer, input, output, microphone, speaker, podcast, audio, sound, layer, multimedia, presentation, movie, analyse, evaluate, trim <b>iPads/Laptops</b>
<ul> <li>COMPUTER SYSTEMS AND NETWORKING</li> <li>understand computer networks including the internet; how they can provide multiple services, such as the world wide web;</li> </ul>	Can I use search technologies effectively? Can I evaluate digital content? Can I explain how results are selected and ranked?	Can I competently use the internet as a search tool? Can I demonstrate that different search terms produce different results?	IT, computing, devices, technology, connect, school, home, Email, online, forum, communication, search engine, network, media, navigate, collaborate, hyperlink, multiple, evaluate, ranked, validity, function, reference, system

<ul> <li>and the opportunities they offer for communication and collaboration</li> <li>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact</li> </ul>	Can I use advanced search functions in Google, e.g. quotations? Can I understand the validity of some websites, especially those that are made by users (Wikipedia - link to E- Safety)?	Can I evaluate the results of search terms? Can I understand how search results are selected and ranked?	
		Year 6	
<ul> <li>PROGRAMMING</li> <li>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</li> <li>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</li> <li>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> </ul>	Can I evaluate analytically to solve problems by breaking them in to parts? Can I find the most efficient solution to a problem with my algorithm? Can I use conditional statements and variables to make something happen in my program? Can I use loops and conditions to refine my algorithms? Can I evaluate the effectiveness of my program and debug if required? Can I predict what will happen if? Can I combine procedures?	Can I design a solution by breaking a problem up? Can I recognise that different solutions can exist for the same problem? Can I use logical reasoning to detect errors in algorithms? Can I use selection in programs? Can I work with variables? Can I explain how an algorithm works? Can I explore 'what if' questions by planning different scenarios for controlled devices? Can I design, test and debug my projects?	instruction, command, sequence, order, programmable, computer, series, control, controller, digital, algorithm, program, precise, test, angle, turn, direction, device, execute, debug, error, fix, improve, change, predict, rotation, angle, input, output, geometric, line, degrees, variables, prediction, accurate, de-bug, conditional, sprite, evaluate, loops, sensor, external, internal, triggers, repetition, combine, if, else, selection, condition, what if, predict, refine, efficient, problem, effective Micro:Bits, laptops, Scratch
<ul> <li>DATA AND INFORMATION</li> <li>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,</li> </ul>	Can I explain what an item of data is in a spreadsheet? Can I explain how data type determines how a spreadsheet can process the data?	Can I calculate data using a formula for each operation? Can I use functions to create new data? Can I use existing cells within a formula?	data, attribute, group, present, count, pictogram, graph, comparison, branch, yes/no, identify, logging, sensor, data point, attribute, sort, filter, spreadsheet, formula, function, cell, operation

systems and content that	Can I explain how formulas can be	Can I choose suitable ways to	
accomplish given goals	used to produce calculated data?	present spreadsheet data?	
	Can I explain why data should be		
	organised in a spreadsheet?		
CREATING MEDIA	Can I explain that 3D models can be	Can I position 3D shapes relative to	tool, freehand, shape, line, fill, undo, document, file,
<ul> <li>Select, use and combine a</li> </ul>	created on a computer?	one another?	folder, save, open, load, find, record, navigate, website,
variety of software (including	Can I recognize that a 3D	Can I use digital tools to modify 3D	internet, click, sound, photograph, camera, keys, space,
internet services) on a range of	environment can be viewed from	objects?	backspace, text, cursor, shift, special characters,
digital devices to design and	different perspectives?	Can I combine objects to create a	document, file, folder, save, open, load, filter,
create a range of programs,	Can I recognize that digital tools can	3D digital artefact?	composition, light, zoom, landscape, portrait, enhance,
systems and content that	be used to manipulate 3D objects?	Can I construct a 3D model which	edit, improve, caption, manipulate, sound, audio,
accomplish given goals,	Can I recognize that artefacts can	reflects a real-world object?	waveform, volume, layer, input, output, microphone,
including collecting, analysing,	be broken down into a collection of		speaker, podcast, audio, sound, layer, multimedia,
evaluating and presenting data	3D objects?		presentation, movie, analyse, evaluate, trim,
and information			perspective, artefact, model, CAD (computer-aided
	Can I recognize that websites	Can I create a new blank web	design), website, media, webpage
	contain different media types?	page?	
	Can I recognize that a website is a	Can I add text and embed media in	TinkerCAD, laptops.
	set of hyperlinked web pages?	a web page?	
	Can I recognize the need for a	Can I insert hyperlinks between	
	navigation path?	pages and to other sites?	
COMPUTER SYSTEMS AND	Can I discuss opportunities that	Can I outline methods of	IT, computing, devices, technology, connect, school,
NETWORKING	technology offers for	communicating and collaborating	home, Email, online, forum, communication, search
understand computer networks	communication and collaboration?	using the internet?	engine, network, media, navigate, collaborate,
including the internet; how they	Can I explain which types of media	Can I evaluate different methods of	hyperlink, multiple, evaluate, ranked, validity, function,
can provide multiple services,	can be shared through the internet?	online communication and	reference, system domain, reliability, validation,
such as the world wide web;	Can I explain that communicating and	collaboration?	extensions
and the opportunities they offer	collaboration using the internet can	Can I decide what I should and	
for communication and	be public or private?	should not share online?	
collaboration			
use search technologies			
effectively, appreciate how			
results are selected and ranked,			
and be discerning in evaluating			
digital content			
Use technology safely,			
respectfully and responsibly;			
recognise			
acceptable/unacceptable			
behaviour; identify a range of			
ways to report concerns about content and contact			