

## **Computing Progression Document**

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
Computer Science									
HARDWARE Learning how to operate a camera to take photographs of meaningful creations or moments. Learning how to explore and tinker with hardware to develop familiarity and introduce relevant vocabulary. Recognising and identifying familiar letters and numbers on a keyboard. Developing basic mouse skills such as moving and clicking.	HARDWARE Learning how to operate a camera or tablet to take photos and videos. Learning how to explore and tinker with hardware to find out how it works. Recognising that some devices are input devices and others are output devices. Learning where keys are located on the keyboard.	HARDWARE Understanding what a computer is and that it's made up of different components. Recognising that buttons cause effects and that technology follows instructions. Learning how we know that technology is doing what we want it to do via its output. Using greater control when taking photos with cameras, tablets or computers. Developing confidence with the keyboard and the basics of touch typing.	HARDWARE Understanding what the different components of a computer do and how they work together. Drawing comparisons across different types of computers. Learning about the purpose of routers.	HARDWARE Using chroma key (green screen) technology to change a background. Understanding that weather stations use sensors to gather and record data which predicts the weather.	HARDWARE Learning that external devices can be programmed by a separate computer. Learning the difference between ROM and RAM. Recognising how the size of RAM affects the processing of data. Understanding the fetch, decode, execute cycle.	HARDWARE Learning about the history of computers and how they have evolved over time. Using the understanding of historic computers to design a computer of the future. Understanding and identifying barcodes, QR codes and RFID. Identifying devices and applications that can scan or read barcodes, QR codes and RFID. Understanding how corruption can happen within data during transfer (for example when downloading, installing, copying and updating files).			
NETWORKS AND DATA REPRESENTATIONS n.a	NETWORKS AND DATA REPRESENTATIONS n.a	NETWORKS AND DATA REPRESENTATIONS n.a	NETWORKS AND DATA REPRESENTATIONS Understanding the role of the key components of a network. Identifying the key components within a network, including whether they are wired or wireless. Understanding that websites and videos are	NETWORKS AND DATA REPRESENTATIONS Understanding that computer networks provide multiple services, such as the World Wide Web, and opportunities for communication and collaboration.	NETWORKS AND DATA REPRESENTATIONS Learning the vocabulary associated with data: data and transmit. Learning how the data for digital images can be compressed. Recognising that computers transfer data in binary and understanding simple binary addition.	NETWORKS AND DATA REPRESENTATIONS Understanding that computer networks provide multiple services.			

PROGRAMMING	PROGRAMMING	PROGRAMMING	PROGRAMMING	PROGRAMMING	PROGRAMMING	PROGRAMMING
	instructions. Assembling instructions into a simple algorithm.	execute by following precise instructions. Incorporating loops within algorithms.	independently.	identify the important parts when completing both plugged and unplugged activities.		
	Using decomposition to solve unplugged challenges. Using logical reasoning to predict the behaviour of simple programs. Developing the skills associated with sequencing in unplugged activities. Following a basic set of	used to create it. Learning that there are different levels of abstraction. Explaining what an algorithm is. Following an algorithm. Creating a clear and precise algorithm. Learning that programs	explore the code behind an animation. Using repetition in programs. Using logical reasoning to explain how simple algorithms work. Explaining the purpose of an algorithm. Forming algorithms	Using decomposition to understand the purpose of a script of code. Identifying patterns through unplugged activities. Using past experiences to help solve new problems. Using abstraction to	Decomposing a story to be able to plan a program to tell a story. Predicting how software will work based on previous experience. Writing more complex algorithms for a purpose.	Writing increasingly complex algorithms for a purpose.
Using logical reasoning to understand simple instructions and predict the outcome.	Learning that decomposition means breaking a problem down into smaller parts.	Articulating what decomposition is. Decomposing a game to predict the algorithms	Using decomposition to explain the parts of a laptop computer. Using decomposition to	Using decomposition to solve a problem by finding out what code was used.	Decomposing animations into a series of images. Decomposing a program without support.	Decomposing a program into an algorithm. Using past experiences to help solve new problems.
COMPUTATIONAL THINKING	COMPUTATIONAL THINKING	COMPUTATIONAL THINKING	COMPUTATIONAL THINKING	COMPUTATIONAL THINKING	COMPUTATIONAL THINKING	COMPUTATIONAL THINKING
			files that are shared from one computer to another. Learning about the role of packets. Understanding how networks work and their purpose. Recognising links between networks and the internet. Learning how data is transferred.		Relating binary signals (Boolean) to the simple character-based language, ASCII. Learning that messages can be sent by binary code, reading binary up to eight characters and carrying out binary calculations. Understanding how bit patterns represent images as pixels.	

Following instructions as part of practical activities and games. Learning to give simple instructions. Experimenting with programming a Bee- bot/Blue- bot and learning how to give simple commands. Learning to debug instructions, with the help of an adult, when things go wrong.	Programming a Floor robot to follow a planned route. Learning to debug instructions when things go wrong. Using programming language to explain how a floor robot works. Learning to debug an algorithm in an unplugged scenario.	Using logical thinking to explore software, predicting, testing and explaining what it does. Using an algorithm to write a basic computer program. Using loop blocks when programming to repeat an instruction more than once.	Using decomposition to explain the parts of a laptop computer. Using decomposition to explore the code behind an animation. Using repetition in programs. Using logical reasoning to explain how simple algorithms work. Explaining the purpose of an algorithm. Forming algorithms independently.	Using decomposition to solve a problem by finding out what code was used. Using decomposition to understand the purpose of a script of code. Identifying patterns through unplugged activities. Using past experiences to help solve new problems. Using abstraction to identify the important parts when completing both plugged and unplugged activities.	Decomposing animations into a series of images. Decomposing a program without support. Decomposing a story to be able to plan a program to tell a story. Predicting how software will work based on previous experience. Writing more complex algorithms for a purpose.	Decomposing a program into an algorithm. Using past experiences to help solve new problems. Writing increasingly complex algorithms for a purpose.
USING SOFTWARE	USING SOFTWARE	USING SOFTWARE	USING SOFTWARE	USING SOFTWARE	USING SOFTWARE	USING SOFTWARE
Using a simple online paint tool to create digital art.	Using a basic range of tools within graphic editing software. Taking and editing photographs. Developing control of the mouse through dragging, clicking and resizing of images to create different effects. Developing understanding of different software tools.	Developing word processing skills, including altering text, copying and pasting and using keyboard shortcuts. Using word processing software to type and reformat text. Using software (and unplugged means) to create story animations. Creating and labelling images.	Taking photographs and recording video to tell a story. Using software to edit and enhance their video adding music, sounds and text on screen with transitions.	Building a web page and creating content for it. Designing and creating a webpage for a given purpose. Use online software for documents, presentations, forms and spreadsheets. Using software to work collaboratively with others.	Using logical thinking to explore software more independently, making predictions based on their previous experience. Using software programme Sonic Pi/Scratch to create music. Using the video editing software to animate. Identify ways to improve and edit programs, videos, images etc.1 ndependently learning how to use 3D design software package TinkerCAD.	Using logical thinking to explore software independently, iterating ideas and testing continuously. Using search and word processing skills to create a presentation. Creating and editing sound recordings for a specific purpose. Creating and editing videos, adding multiple elements: music, voiceover, sound, text and transitions. Using design software TinkerCAD to design a product. Creating a website with embedded links and multiple pages.
USING EMAIL AND INTERNET SEARCHES	USING EMAIL AND INTERNET SEARCHES	USING EMAIL AND INTERNET SEARCHES	USING EMAIL AND INTERNET SEARCHES	USING EMAIL AND INTERNET SEARCHES	USING EMAIL AND INTERNET SEARCHES	USING EMAIL AND INTERNET SEARCHES

n.a	Recognising devices that are connected to the internet. Searching and downloading images from the internet safely. Understanding that we are connected to others when using the internet.	Searching for appropriate images to use in a document. Understanding what online information is.	Learning to log in and out of an email account. Writing an email including a subject, 'to' and 'from. 'Sending an email with an attachment. Replying to an email.	Understanding why some results come before others when searching. Using keywords to effectively search for information on the internet. Understanding that information found by searching the internet is not all grounded in fact. Searching the internet for data.	Developing searching skills to help find relevant information on the internet. Learning how to use search engines effectively to find information, focussing on keyword searches and evaluating search returns.	Understanding how search engines work.
USING DATA	USING DATA	USING DATA	USING DATA	USING DATA	USING DATA	USING DATA
Representing data through sorting and categorising objects in unplugged scenarios. Representing data through physical pictograms. Exploring branch databases through physical games.	Understanding that technology can be used to represent data in different ways: pictograms, tables, pie charts, bar charts, block graphs etc. Using representations to answer questions about data. Using software to explore and create pictograms and branching databases.	Collecting and inputting data into a spreadsheet. Interpreting data from a spreadsheet.	Understanding the vocabulary to do with databases: field, record, data. Learning about the pros and cons of digital versus paper databases. Sorting and filtering databases to easily retrieve information. Creating and interpreting charts and graphs to understand data.	Understanding that data is used to forecast weather. Recording data in a spreadsheet independently. Sorting data in a spreadsheet to compare using the 'sort by' option. Designing a device which gathers and records sensor data.	Understanding how data is collected in remote or dangerous places. Understanding how data might be used to tell us about a location.	Understanding how barcodes, QR codes and RFID work. Gathering and analysing data in real time. Creating formulas and sorting data within spreadsheets.
WIDER USE OF TECHNOLOGY	WIDER USE OF TECHNOLOGY	WIDER USE OF TECHNOLOGY	WIDER USE OF TECHNOLOGY	WIDER USE OF TECHNOLOGY	WIDER USE OF TECHNOLOGY	WIDER USE OF TECHNOLOGY
n.a	Recognising common uses of information technology,including beyond school. Understanding some of the ways we can use the internet.	Learning how computers are used in the wider world.	Understanding the purpose of emails. Recognising how social media platforms are used to interact.	Understanding that software can be used collaboratively online to work as a team.	Learn about different forms of communication that have developed with the use of technology.	Learning about the Internet of Things and how it has led to 'big data'. Learning how 'big data' can be used to solve a problem or improve efficiency.
DIGITAL LITERACY	DIGITAL LITERACY	DIGITAL LITERACY	DIGITAL LITERACY	DIGITAL LITERACY	DIGITAL LITERACY	DIGITAL LITERACY
Recognising that a range of technology is used for different purposes. Learning to log in and log out.	Logging in and out and saving work on their own account. When using the internet to search for images, learning what to do if they come across something online that worries them or makes them feel uncomfortable.	Learning how to create a strong password. Understanding how to stay safe when talking to people online and what to do if they see or hear something online that makes them feel upset or uncomfortable	Recognising that different information is shared online including facts, beliefs and opinions. Learning how to identify reliable information when searching online. Learning how to stay safe on social media.	Recognising that information on the internet might not be true or correct and that some sources are more trustworthy than others. Learning to make judgements about the accuracy of online searches.	Identifying possible dangers online and learning how to stay safe.Evaluating the pros and cons of online communication. Recognising that information on the internet might not be true	Learning about the positive and negative impacts of sharing online. Learning strategies to create a positive online reputation. Understanding the importance of secure passwords and how to create them.

	Understanding how to interact safely with others online. Recognising how actions on the internet can affect others. Recognising what a digital footprint is and how to be careful about what we post.	Identifying whether information is safe or unsafe to be shared online. Learning to be respectful of others when sharing online and ask for their permission before sharing content. Learning strategies for checking if something they read online is true.	Considering the impact technology can have on mood. Learning about cyberbullying. Learning that not all emails are genuine, recognising when an email might be fake and what to do about it.	Identifying forms of advertising online. Recognising what appropriate behaviour is when collaborating with others online. Reflecting on the positives and negatives of time spent online. Identifying respectful and disrespectful online behaviour.	or correct and learning ways of checking validity. Learning what to do if they experience bullying online. Learning to use an online community safely	Learning strategies to capture evidence of online bullying in order to seek help. Using search engines safely and effectively. Recognising that updated software can help to prevent data corruption and hacking.
COMPUTING SYSTEMS AND NETWORKS	COMPUTING SYSTEMS AND NETWORKS	COMPUTING SYSTEMS AND NETWORKS	COMPUTING SYSTEMS AND NETWORKS	COMPUTING SYSTEMS AND NETWORKS	COMPUTING SYSTEMS AND NETWORKS	COMPUTING SYSTEMS AND NETWORKS
To be able to understand what a computer keyboard is and recognising some letters and numbers. To know that a mouse can be used to click, drag and create simple drawings. To know that to use a computer you need to log in to it and then log out at the end of your session. To know that different types of technology can be found at home and in school. To know that you can take simple photographs with a camera or iPad. To know that you must hold the camera still and ensure the subject is in the shot to take a photo.	To know that "log in and log out" means to begin and end a connection with a computer. To know that a computer and mouse can be used to click, drag, fill and select and also add backgrounds, text, layers, shapes and clip art. To know that passwords are important for security. To know that when we create something on a computer it can be more easily saved and shared than a paper version. To know some of the simple graphic design features of a piece of online software.	To know the difference between a desktop and laptop computer. To know that people control technology. To know that buttons are a form of input that give a computer an instruction about what to do (output).To know that computers often work together. To know that touch typing is the fastest way to type. To know that I can make text a different style, size and colour. To know that "copy and paste" is a quick way of duplicating text.	To know what a tablet is and how it is different from a laptop/desktop computer. To understand what a network is and how a school network might be organised. To know that a server is central to a network and responds to requests made. To know how the internet uses networks to share files. To know that a router connects us to the internet. To know what a packet is and why it is important for website data transfer. To know the roles that inputs and outputs play on computers. To understand that email stands for 'electronic mail.' To know that an attachment is an extra file added to an email. To understand that emails should contain appropriate and respectful content. To know what some of the different components	To understand that software can be used collaboratively online to work as a team. To know what type of comments and suggestions on a collaborative document can be helpful. To know that you can use images, text, transitions and animation in presentation slides.	To know how search engines work. To understand that anyone can create a website and therefore we should take steps to check the validity of websites. To know that web crawlers are computer programs that crawl through the internet. To understand what copyright is. To know the difference between ROM and RAM.	To understand the importance of having a secure password and what "brute force hacking" is. To know that the first computers were created at Bletchley Park to crack the Enigma code to help the war effort in World War 2.To know about some of the historical figures that contributed to technological advances in computing. To understand what techniques are required to create a presentation using appropriate software.

			inside a computer are e.g. CPU, RAM, hard drive, and how they work together.			
PROGRAMMING	PROGRAMMING	PROGRAMMING	PROGRAMMING	PROGRAMMING	PROGRAMMING	PROGRAMMING
To know that being able to follow and give simple instructions is important in computing. To understand that it is important for instructions to be in the right order. To understand why a set of instructions may have gone wrong. To know that you can program a Bee-Bot with some simple commands. To understand that debugging means how to fix some simple programming errors. To understand that an algorithm is a set of clear and precise instructions.	To understand that an algorithm is when instructions are put in an exact order. To know that input devices get information into a computer and that output devices get information out of a computer. To understand that decomposition means breaking a problem into manageable chunks and that it is important in computing. To know that we call errors in an algorithm 'bugs' and fixing these 'debugging'. To understand the basic functions of a Bee-Bot. To know that you can use a camera/tablet to make simple videos. To know that algorithms move a bee-bot accurately to a chosen destination.	To understand what machine learning is and how that enables computers to make predictions. To know that loops in programming are where you set a certain instruction (or instructions) to be repeated multiple times. To know that abstraction is the removing of unnecessary detail to help solve a problem. To know that coding is writing in a special language so that the computer understands what to do. To understand that the character in ScratchJr is controlled by the programming blocks. To know that you can write a program to create a musical instrument or tell a joke.	To know that Scratch is a programming language and some of its basic functions. To understand how to use loops to improve programming. To understand how decomposition is used in programming. To understand that you can remix and adapt existing code.	To understand that a variable is a value that can change (depending on conditions) and know that you can create them in Scratch. To know what a conditional statement is in programming. To understand that variables can help you to create a quiz on Scratch. To know that combining computational thinking skills (sequence, abstraction, decomposition etc) can help you to solve a problem. To understand that pattern recognition means identifying patterns to help them work out how the code works. To understand that algorithms can be used for a number of purposes e.g. animation, games design etc.	To know that a soundtrack is music for a film/video and that one way of composing these is on programming software. To understand that using loops can make the process of writing music simpler and more effective. To know how to adapt their code while performing their music. To know that a Micro:bit is a programmable device. To know that Micro:bit uses a block coding language similar to Scratch. To understand and recognise coding structures including variables. To know what techniques to use to create a program for a specific purpose (including decomposition).	To know that there are text-based programming languages such as Logo and Python. To know that nested loops are loops inside of loops. To understand the use of random numbers and remix Python code.
CREATING MEDIA	CREATING MEDIA	CREATING MEDIA	CREATING MEDIA	CREATING MEDIA	CREATING MEDIA	CREATING MEDIA
n.a	To understand that holding the camera still and considering angles and light are important to take good pictures. To know that you can edit, crop and filter photographs. To know how to search safely for images online.	To understand that an animation is made up of a sequence of photographs. To know that small changes in my frames will create a smoother looking animation. To understand what software creates simple animations and some of its features e.g. onion skinning.	To know that different types of camera shots can make my photos or videos look more effective. To know that I can edit photos and videos using film editing software. To understand that I can add transitions and text to my video.	To know some of the features of web design software. To know that a website is a collection of pages that are all connected. To know that websites usually have a homepage and subpages as well as clickable links to new pages, called hyperlinks. To know that websites should be informative and interactive.	To understand that stop motion animation is an animation filmed one frame at a time using models, and with tiny changes between each photograph. To know that decomposition of an idea is important when creating stop-motion animations. To know that editing is an important feature of making and improving a stop motion animation.	To know that radio plays are plays where the audience can only hear the action so sound effects are important. To know that sound clips can be recorded using sound recording software. To know that sound clips can be edited and trimmed.

DATA HANDLING	DATA HANDLING	DATA HANDLING	DATA HANDLING	DATA HANDLING	DATA HANDLING	DATA HANDLING
To know that sorting	To know how that charts	To understand that you	To know that a database is	To know that computers	To know that Mars Rover is	To know that data
objects into various	and pictograms can be	can enter simple data into	a collection of data stored	can use different forms of	a motor vehicle that	contained within barcodes
categories can help you	created using a computer.	a spreadsheet.	in a logical, structured and	input to sense the world	collects data from space by	and QR codes can be used
locate information.	To understand that a	To understand what steps	orderly manner. To know	around them so that they	taking photos and	by computers.
To know that using yes/no	branching database is a	you need to take to create	that computer databases	can record and respond to	examining samples of rock.	To know that infrared
questions to find an	way of classifying a group	an algorithm.	can be useful for sorting	data. This is called 'sensor	To know what numbers	waves are a way of
answer is a branching	of objects.	To know what data to use	and filtering data.	data'.	using binary code look like	transmitting data.
database.	To know that computers	to answer certain	To know that different	To know that a weather	and be able to identify how	To know that Radio
To know that a pictogram	understand different types	questions.	visual representations of	machine is an automated	messages can be sent in this format.	Frequency Identification
is a way of showing	of 'input'.	To know that computers	data can be made on a	machine that responds to		(RFID) is a more private
information.		can be used to monitor	computer.	sensor data.	To understand that RAM is	way of transmitting data.
		supplies.		To understand that "green	Random Access Memory	To know that data is often encrypted so that even if it
				screen technology' is a green background in front	and acts as the computer's	is stolen it is not useful to
				of which moving subjects	working memory. To know what simple	the thief.
				are filmed. This allows a	operations can be used to	To know that data can
				separately filmed	calculate bit patterns.	become corrupted within a
				background to be added to		network but this is less
				the final image.		likely to happen if it is sent
						in 'packets'.
						I know that devices or that
						are not updated are most
						vulnerable to hackers.
						To know the difference
						between mobile data and
						WiFi.
ONLINE SAFETY	ONLINE SAFETY	ONLINE SAFETY	ONLINE SAFETY	ONLINE SAFETY	ONLINE SAFETY	ONLINE SAFETY
n.a	To know that the internet	To understand the	To know that not	To understand some of the	To know different ways we	To know that a 'digital
	is many devices connected	difference between online	everything on the internet	methods used to	can communicate online.	footprint' means the
	to one another.	and offline.	is true: people share facts,	encourage people to buy	To understand how online	information that exists on
	To know that you should	To understand what	beliefs and opinions online.	things online.	information can be used to	the internet as a result of a
	tell a trusted adult if you	information I should not	To understand that the	Lo undorstand that	form judgements.	person's online activity.
				To understand that		
1	feel unsafe or worried	post online. To know what	internet can affect your	technology can be	To understand some ways	To know what steps are
	online.	the techniques are for	internet can affect your moods and feelings.	technology can be designed to act like or	To understand some ways to deal with online	To know what steps are required to capture
	online. To know that people you	the techniques are for creating a strong	internet can affect your moods and feelings. To know that privacy	technology can be designed to act like or impersonate living things.	To understand some ways to deal with online bullying.	To know what steps are required to capture bullying content as
	online. To know that people you do not know on the	the techniques are for creating a strong password. To know that	internet can affect your moods and feelings. To know that privacy settings limit who can	technology can be designed to act like or impersonate living things. To understand that	To understand some ways to deal with online bullying. To know that apps require	To know what steps are required to capture bullying content as evidence.
	online. To know that people you do not know on the internet (online) are	the techniques are for creating a strong password. To know that you should ask permission	internet can affect your moods and feelings. To know that privacy settings limit who can access your important	technology can be designed to act like or impersonate living things. To understand that technology can be a	To understand some ways to deal with online bullying. To know that apps require permission to access	To know what steps are required to capture bullying content as evidence. To understand that it is
	online. To know that people you do not know on the internet (online) are strangers and are not	the techniques are for creating a strong password. To know that you should ask permission from others before sharing	internet can affect your moods and feelings. To know that privacy settings limit who can access your important personal information	technology can be designed to act like or impersonate living things. To understand that technology can be a distraction and identify	To understand some ways to deal with online bullying. To know that apps require permission to access private information and	To know what steps are required to capture bullying content as evidence. To understand that it is important to manage
	online. To know that people you do not know on the internet (online) are strangers and are not always who they say they	the techniques are for creating a strong password. To know that you should ask permission from others before sharing about them online and	internet can affect your moods and feelings. To know that privacy settings limit who can access your important personal information Information, such as your	technology can be designed to act like or impersonate living things. To understand that technology can be a distraction and identify when someone might need	To understand some ways to deal with online bullying. To know that apps require permission to access private information and that you can alter the	To know what steps are required to capture bullying content as evidence. To understand that it is important to manage personal passwords
	online. To know that people you do not know on the internet (online) are strangers and are not always who they say they are.	the techniques are for creating a strong password. To know that you should ask permission from others before sharing about them online and that they have the right to	internet can affect your moods and feelings. To know that privacy settings limit who can access your important personal information Information, such as your name, age, gender etc.	technology can be designed to act like or impersonate living things. To understand that technology can be a distraction and identify when someone might need to limit the amount of time	To understand some ways to deal with online bullying. To know that apps require permission to access private information and that you can alter the permissions.	To know what steps are required to capture bullying content as evidence. To understand that it is important to manage personal passwords effectively.
	online. To know that people you do not know on the internet (online) are strangers and are not always who they say they are. To know that to stay safe	the techniques are for creating a strong password. To know that you should ask permission from others before sharing about them online and that they have the right to say 'no.'	internet can affect your moods and feelings. To know that privacy settings limit who can access your important personal information Information, such as your name, age, gender etc. To know what social media	technology can be designed to act like or impersonate living things. To understand that technology can be a distraction and identify when someone might need to limit the amount of time spent using technology.	To understand some ways to deal with online bullying. To know that apps require permission to access private information and that you can alter the permissions. To know where I can go for	To know what steps are required to capture bullying content as evidence. To understand that it is important to manage personal passwords effectively. To understand what it
	online. To know that people you do not know on the internet (online) are strangers and are not always who they say they are. To know that to stay safe online it is important to	the techniques are for creating a strong password. To know that you should ask permission from others before sharing about them online and that they have the right to say 'no.' To understand that not	internet can affect your moods and feelings. To know that privacy settings limit who can access your important personal information Information, such as your name, age, gender etc. To know what social media is and that age restrictions	technology can be designed to act like or impersonate living things. To understand that technology can be a distraction and identify when someone might need to limit the amount of time spent using technology. To understand what	To understand some ways to deal with online bullying. To know that apps require permission to access private information and that you can alter the permissions. To know where I can go for support if I am being	To know what steps are required to capture bullying content as evidence. To understand that it is important to manage personal passwords effectively. To understand what it means to have a positive
	online. To know that people you do not know on the internet (online) are strangers and are not always who they say they are. To know that to stay safe online it is important to keep personal information	the techniques are for creating a strong password. To know that you should ask permission from others before sharing about them online and that they have the right to say 'no.' To understand that not everything I see or read	internet can affect your moods and feelings. To know that privacy settings limit who can access your important personal information Information, such as your name, age, gender etc. To know what social media	technology can be designed to act like or impersonate living things. To understand that technology can be a distraction and identify when someone might need to limit the amount of time spent using technology. To understand what behaviours are appropriate	To understand some ways to deal with online bullying. To know that apps require permission to access private information and that you can alter the permissions. To know where I can go for support if I am being bullied online or feel that	To know what steps are required to capture bullying content as evidence. To understand that it is important to manage personal passwords effectively. To understand what it means to have a positive online reputation.
	online. To know that people you do not know on the internet (online) are strangers and are not always who they say they are. To know that to stay safe online it is important to keep personal information safe.	the techniques are for creating a strong password. To know that you should ask permission from others before sharing about them online and that they have the right to say 'no.' To understand that not	internet can affect your moods and feelings. To know that privacy settings limit who can access your important personal information Information, such as your name, age, gender etc. To know what social media is and that age restrictions	technology can be designed to act like or impersonate living things. To understand that technology can be a distraction and identify when someone might need to limit the amount of time spent using technology. To understand what behaviours are appropriate in order to stay safe and be	To understand some ways to deal with online bullying. To know that apps require permission to access private information and that you can alter the permissions. To know where I can go for support if I am being bullied online or feel that my health is being affected	To know what steps are required to capture bullying content as evidence. To understand that it is important to manage personal passwords effectively. To understand what it means to have a positive online reputation. To know some common
	online. To know that people you do not know on the internet (online) are strangers and are not always who they say they are. To know that to stay safe online it is important to keep personal information safe. To know that 'sharing'	the techniques are for creating a strong password. To know that you should ask permission from others before sharing about them online and that they have the right to say 'no.' To understand that not everything I see or read	internet can affect your moods and feelings. To know that privacy settings limit who can access your important personal information Information, such as your name, age, gender etc. To know what social media is and that age restrictions	technology can be designed to act like or impersonate living things. To understand that technology can be a distraction and identify when someone might need to limit the amount of time spent using technology. To understand what behaviours are appropriate	To understand some ways to deal with online bullying. To know that apps require permission to access private information and that you can alter the permissions. To know where I can go for support if I am being bullied online or feel that	To know what steps are required to capture bullying content as evidence. To understand that it is important to manage personal passwords effectively. To understand what it means to have a positive online reputation.
	online. To know that people you do not know on the internet (online) are strangers and are not always who they say they are. To know that to stay safe online it is important to keep personal information safe.	the techniques are for creating a strong password. To know that you should ask permission from others before sharing about them online and that they have the right to say 'no.' To understand that not everything I see or read	internet can affect your moods and feelings. To know that privacy settings limit who can access your important personal information Information, such as your name, age, gender etc. To know what social media is and that age restrictions	technology can be designed to act like or impersonate living things. To understand that technology can be a distraction and identify when someone might need to limit the amount of time spent using technology. To understand what behaviours are appropriate in order to stay safe and be	To understand some ways to deal with online bullying. To know that apps require permission to access private information and that you can alter the permissions. To know where I can go for support if I am being bullied online or feel that my health is being affected	To know what steps are required to capture bullying content as evidence. To understand that it is important to manage personal passwords effectively. To understand what it means to have a positive online reputation. To know some common

someone else via the			
internet and 'posting'			
online means placing			
information on the			
internet.			