Computing Skills Progression Map

	By the end of	By the end of Ye	ear 2 (KS1):	By the end of Ye	ar 4 (lower KS2):	By the end of Y	ear 6 (Upper KS2):
PRIMAD,	Early Years:	Technology Ar	ound Us	Connecting	Computers	NCCE Gender Balance in Computing project	
S MAN W	, , , , , , , , , , , , , , , , , , , ,	Robots & Algorithms		Programming Sequencing Sounds		Video Editing	
EBIA		Digital Writing Grouping Data Digital Painting Animated Stories Technology Around Us (Introduction to		Animation		Physical Computing	
A TONING TONING				Programming Ev	Programming Events and Actions		nformation
***				Desktop F	Publishing	Vector	Drawings
				Branching	Databases	Internet Co	ommunication
				The In	ternet	Webpag	ge Creation
		Chromebo	oks)	Programming Rep	petition in Shapes	Multimoda	l Presentation
		Making M	usic	Photo	Editing	Sprea	adsheets
		Pictogra	ms	Repetition	n in Games	Programming v	ariables in games
		Digital Photography		Audio	Editing	3D N	odelling
		Programming	Quizzes	Data Loggers		Programi	ning Sensing
Information	Children select and	Word Processing:	Word Processing:	Word Processing:	Word Processing:	Word Processing:	Word Processing:
Technology	use technology for	Open and log into a computer/		Recognise how text and			
	particular purposes	Chromebook		images coney			
		Identify and find keys on a		information			
		keyboard		Change font style, size			
				and colours			
		Use a mouse to click and drag					
				Edit text			
		Add and remove text					
				Choose appropriate			
		Move a cursor with arrow keys		page orientation			
		Use capital letters, bold, italic		Recognise			
		and underline		'placeholders'			
		Select words and all text		Choose the best			
				locations for my			
		Change font		contents			
		Use 'undo' to make changes		Paste text and images			
		ose and to make shanges		i dote text and images			
		Compare writing on paper to		Consider different			
		writing on a computer		layouts, depending on			
				purpose			
				Identify the was of			
				Identify the uses of desktop publishing in			
				the real world			
				Compare work made on			
				desktop publishing to			
				work created by hand			

	Data Handling:	Data Handling:	Data Handling:	Data Handling:	Data Handling:	Data Handling:
	Label objects	Record data in a tally	Create questions with	Identify data that can	Use a form to record	Identify questions which
		chart	yes/no answers	be gathered over time	information	can be answered using
	Count and group objects					data
		Enter data onto a	Identify attributes	Use a digital device to	Compare paper and	
	Describe objects based on their	computer	to separate objects into	collect data	computer-based	Explain that objects can
	properties	compate.	groups		databases	be described using data
		Use pictograms to		Explain that a data		
	Group objects in different ways	answer simple	Arrange objects in a	logger collects 'data	Group and sort data to	Explain that formulas
		questions	tree structure	points' from sensors	answer questions	can be used to produce
	Describe and compare groups	questions	tree structure	over time		calculated data
	of objects	Create a pictogram	Create a branching		Use tools to refine	
		create a pictogram	database	Discuss data captured	data	Apply formulas to data
	Record objects in a group and	Select objects by	uatabase			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	share information		Compare and avaluate	Import a data set	Explain how computer	Create a spreadsheet to
	Share information	attribute and make	Compare and evaluate	port a data set	programs are used to	plan an event
	Decide how to group objects	comparisons	the structures of	Use a computer to sort	compare data visually	p.a an evene
	computer	A	branching databases	data	compare data visually	Choose suitable ways to
	Computer	Answer 'more than/less		uuta	Answer real-world	present data
	Create rules for using	than/most/least	Create questions and	Identify data needed to	questions	present uata
	technology responsibly	questions about an	answer questions based	answer questions	questions	
	technology responsibly	attribute	on a branching	answer questions		
			database	laterant deta		
		Share what I have		Interpret data		
		found out	Compare a pictogram to			
			a branching database	Explain the benefits of		
				using a data logger		
	Presentation / Web design / E-	Presentation / Web	Presentation / Web			Presentation / Web
	books Know the	design / E-books	design / E-books			design / E-books
	I KNOW THE					Review an existing
						1 1
	difference between traditional					website and consider its
						website and consider its structure
	difference between traditional books and e-books					structure
	difference between traditional books and e-books Use different tools to draw a					structure Plan features of a
	difference between traditional books and e-books					structure
	difference between traditional books and e-books Use different tools to draw a picture on the screen					structure Plan features of a webpage
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour,					structure Plan features of a webpage Consider the ownership
	difference between traditional books and e-books Use different tools to draw a picture on the screen					structure Plan features of a webpage Consider the ownership and use of images
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text.					structure Plan features of a webpage Consider the ownership
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour,					structure Plan features of a webpage Consider the ownership and use of images (copyright)
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text. Save work.					structure Plan features of a webpage Consider the ownership and use of images
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text.					structure Plan features of a webpage Consider the ownership and use of images (copyright)
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text. Save work. Retrieve and open saved work.					structure Plan features of a webpage Consider the ownership and use of images (copyright) Recognise the need to preview pages
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text. Save work.					structure Plan features of a webpage Consider the ownership and use of images (copyright) Recognise the need to
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text. Save work. Retrieve and open saved work.					structure Plan features of a webpage Consider the ownership and use of images (copyright) Recognise the need to preview pages
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text. Save work. Retrieve and open saved work.					structure Plan features of a webpage Consider the ownership and use of images (copyright) Recognise the need to preview pages Outline the need for a
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text. Save work. Retrieve and open saved work. Add sound to the animation.					structure Plan features of a webpage Consider the ownership and use of images (copyright) Recognise the need to preview pages Outline the need for a
	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text. Save work. Retrieve and open saved work. Add sound to the animation.					structure Plan features of a webpage Consider the ownership and use of images (copyright) Recognise the need to preview pages Outline the need for a navigation path
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	difference between traditional books and e-books Use different tools to draw a picture on the screen Add text and change colour, font and size of text. Save work. Retrieve and open saved work. Add sound to the animation. Copy and paste.					structure Plan features of a webpage Consider the ownership and use of images (copyright) Recognise the need to preview pages Outline the need for a navigation path Recognise the implications of linking to

	Sound / Animation	Sound / Animation	Sound / Animation	Sound / Animation	Sound / Animation	Sound / Animation
		Describe how music makes me feel	Explain that animation is a sequence of pictures	Identify that sound can be digitally recorded		
		Create a rhythm pattern	Draw a sequence of pictures	Name devices that can record and play sound		
		Use a computer to experiment with pitch and duration Use a computer to create a musical pattern using 3 notes Create music for a purpose Save, review and refine my work.	Create a stop-frame animation by making little changes for each frame Plan an animation with a storyboard Use onion skinning to make changes between frames Evaluate the quality of my animation	Identify inputs and outputs to play audio or record sound Use a digital device to record sound Plan and write content for a podcast Save and open a digital recording as a file Edit an audio recording		
			Add other media into an animation	Choose suitable sounds to include in a podcast		
				Evaluate editing choices made and suggest improvements		
	Photography / Digital Art /	Photography / Digital	Photography / Digital	Photography / Digital	Photography / Digital	Photography / Digital
	Video Creation Make marks and lines on a screen Use shape and line tools to	Art / Video Creation Use a digital device to take photos Take photos in	Art / Video Creation	Art / Video Creation Identify changes that can be made to images Explain the effect that editing can have on an	Art / Video Creation Identify drawing tools can be used to produce different outcomes Create a vector	Art / Video Creation
	draw pictures	landscape and portrait		image	drawing by combing	
	Choose appropriate colours and shapes Create a picture in the style of an artist	Know features of a 'good' photo Experiment with different light sources		Change the composition of an image Consider that changes to images might be	Use tools to achieve a desired effect Recognise that vector drawings consist of	
	Spot differences between painting on a computer and on paper, and give my preference	Edit a photo Move and resize images		Give examples of positive and negative	layers Group objects to make them easier to work	
		Recognise when a photo is not real (fake)		effects that retouching can have on an image Choose appropriate tools to edit an image	with Evaluate my vector drawing	
				Sort 'fake' or 'real' images	Explain what makes a video effective	

			Evaluate how changes	Use a digital device to record video	
			can improve an image	Capture video using a range of techniques Create a storyboard Improve a video through reshooting and editing Consider the impact of choices made when making and sharing a video	
r Science Coding/Programming: Predict the outcome of a command on a device Run a command on a device Follow an instruction Give direction Combine commands to make sequence Plan a simple program Debug my program Problem-solve	Describe a series of instructions as a sequence Give and follow clear instructions Use an algorithm to program a sequence on a Beebot Use logical reasoning to predict the outcome of a program (series of commands) Follow a sequence Design an algorithm for a specific goal Create and debug a program that I have written	Coding/Programming: Identify objects in a Scratch project Recognise commands in block coding Identify commands have an outcome Start a program Create a sequence of commands Explain and build a sequence of commands Make design choices Implement my algorithm as code Explain the relationship between an event and an action Create a program to move a sprite in 4 directions Choose blocks to set up my program Develop my program by adding features	Coding/Programming: Program a computer by typing commands (in a text-based language) Write an algorithm to produce a given outcome Test my algorithm in a text-based language Explain what 'repeat' means Use a count-controlled loop to produce a given outcome Change the number of times a task is repeated Choose which values to change in a 'loop' Decompose a task into small steps Create a program and develop it by debugging it Develop the use of count-controlled loops in a different programming environment	Coding/Programming: Build a simple circuit to connect to a computer Write a program that includes count-controlled loops Explain that a loop can stop when a condition is being met Conclude that a loop can be used to repeatedly check whether a condition has been met Design a physical project that includes selection Create a controllable system that includes selection	Coding/Programming: Define a 'variable' as something that is changeable Explain why a variable is used in a program Choose how to improve a game by using variables Design a project Evaluate my project Create a program to run on a controllable device Explain that selection can control the flow of a program Update a variable with a user input Use a conditional statement to compare a variable to a value Design a project that uses inputs and outputs on a controllable device Develop a program to use inputs and outputs on a controllable device

 ,		1			
		Identify and fix bugs in a	Modify loops to		
		program	produce a given		
			outcome		
		Design and create a			
		maze-based challenge	Explain that in		
		aze sasea enanenge	programming there are		
			infinite loops and		
			count-		
			controlled loops and I		
			can choose when to		
			use both		
			Develop a design that		
			includes 2 or more		
			loops which run at the		
			same time		
			Modify an infinite loop		
			Design a project that		
			includes repetition		
			,		
			Evaluate and refine the		
			algorithm in my design		
			algorithm in my design		
i	i	I Computer Metworks	L Computer Networks	Computer Networks	i l
		Computer Networks:	Computer Networks:	Computer Networks:	
		Explain how digital	Describe how networks	Explain that computers	
		Explain how digital	Describe how networks physically connect to	Explain that computers can be connected	
		Explain how digital devices function	Describe how networks	Explain that computers can be connected together to form	
		Explain how digital devices function	Describe how networks physically connect to other networks	Explain that computers can be connected	
		Explain how digital devices function	Describe how networks physically connect to other networks Recognise how	Explain that computers can be connected together to form	
		Explain how digital devices function Identify input and output devices	Describe how networks physically connect to other networks Recognise how networked devices	Explain that computers can be connected together to form	
		Explain how digital devices function Identify input and output devices Identify similarities and	Describe how networks physically connect to other networks Recognise how	Explain that computers can be connected together to form	
		Explain how digital devices function Identify input and output devices Identify similarities and difference between	Describe how networks physically connect to other networks Recognise how networked devices make up the internet	Explain that computers can be connected together to form	
		Explain how digital devices function Identify input and output devices Identify similarities and difference between using digital and non-	Describe how networks physically connect to other networks Recognise how networked devices make up the internet Explain how websites	Explain that computers can be connected together to form	
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		Explain how digital devices function Identify input and output devices Identify similarities and difference between using digital and nondigital tools	Describe how networks physically connect to other networks Recognise how networked devices make up the internet Explain how websites can be shared via the	Explain that computers can be connected together to form	
		Explain how digital devices function Identify input and output devices Identify similarities and difference between using digital and nondigital tools Explain how a computer	Describe how networks physically connect to other networks Recognise how networked devices make up the internet Explain how websites can be shared via the World Wide Web	Explain that computers can be connected together to form	
		Explain how digital devices function Identify input and output devices Identify similarities and difference between using digital and nondigital tools Explain how a computer network can be used to	Describe how networks physically connect to other networks Recognise how networked devices make up the internet Explain how websites can be shared via the World Wide Web Create media which	Explain that computers can be connected together to form	
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Digital Literacy inc. Online Safety (see below)	Children recognise that a range of technology is used in places such as homes and schools	Explain how technology helps us Give examples of technology in the classroom Name the main parts of a	Name examples of information technology Identify different computers Identify information technology at home and beyond school Explain the benefits of information technology Explain how to use			Recognise the role of computers in our lives Recognise how information is transferred over the internet Contribute to a shared project Evaluate different ways of working together online	Use a search engine, refining my search and comparing results Describe how search engines select results Explain how search results are ranked Recognise why the order of results is important, and to whom
			information technology safely			Gender Balance project: Describe careers in the STEM field Discuss the impact & importance of computing in our lives Prepare questions to ask a role model	Recognise how we communicate using technology Evaluate different methods of online communication
Online Safety	I can recognise that I	I can recognise that there may be	I can explain how other	I can explain what is meant	I can explain how my	Research answers to questions Present ideas I can explain how identity	I can describe ways in which
(Follow objectives from 'Educated for a Connected World' through half-termly online safety	can say 'no' / 'please stop' / 'i'll tell' / 'i'll ask' to somebody who asks me to do something that makes me feel sad, embarrassed or upset. • I can explain	people online who could make me feel sad, embarrassed or upset. • If something happens that makes me feel sad, worried, uncomfortable or frightened I can give examples of when and how to speak to an adult I can trust.	people's identity online can be different to their identity in real life. • I can describe ways in which people might make themselves look different online. • I can give examples of issues online	by the term 'identity'. • I can explain how I can represent myself in different ways online. • I can explain ways in which and why I might change my identity depending on what I am doing online (e.g.	online identity can be different to the identity I present in 'real life' • Knowing this, I can describe the right decisions about how I interact with others and how others perceive me	online can be copied, modified or altered. • I can demonstrate responsible choices about my online identity, depending on context. I can explain that there	media can shape ideas about gender. • I can identify messages about gender roles and make judgements based on them. • I can challenge and explain why it is important to reject inappropriate
lessons and assemblies) Focus on: • Autumn 1st half term: Privacy & Security (link to establishing class	how this could be either in real life or online. I can recognise some ways in which the internet can be used to communicate. • I can give examples of	I can use the internet with adult support to communicate with people I know. • I can explain why it is important to be considerate and kind to people online I can recognise that information can stay online and could be copied. • I can describe what information I	that might make me feel sad, worried, uncomfortable or frightened; I can give examples of how I might get help I can use the internet to communicate with people	gaming; using an avatar; social media). I can describe ways people who have similar likes and interests can get together online. • I can give examples of technology-specific forms of	I can describe strategies for safe and fun experiences in a range of online social environments I can give examples of how to be respectful to others online.	are some people I communicate with online who may want to do me or my friends harm. I can recognise that this is not my/our fault. • I can make positive contributions and be part of online communities. • I can	messages about gender online. • I can describe issues online that might make me or others feel sad, worried, uncomfortable or frightened. I know and can give examples of how I might get help, both on and offline. • I can explain why I
rules about online behaviour) • Aut 2 nd half term: Online Bullying (link to Anti-Bullying Week)	how I (might) use technology to communicate with people I know. I can identify ways that I can put	should not put online without asking a trusted adult first. can describe how to behave online in ways that do not upset others and can give examples.	I don't know well (e.g. email a penpal in another school/ country). • I can give examples of how I might use technology to communicate with others I don't know well	communication (e.g. emojis, acronyms, text speak). • I can explain some risks of communicating online with others I don't know well. • I can explain how my and other people's feelings can	I can describe how others can find out information about me by looking online. • I can explain ways that some of the information about me online could have been	describe some of the communities in which I am involved and describe how I collaborate with others positively I can search for	should keep asking until I get the help I need I can show I understand my responsibilities for the wellbeing of others in my online social group. • I can explain
Spr 1 st half term: Health, well-being & lifestyle (link to	information on the internet.	can use the internet to find things out. • I can use simple keywords in search engines • I can describe and demonstrate how to get help from	I can explain how information put online about me can last for a	be hurt by what is said or written online. • I can explain why I should be careful who I trust online	created, copied or shared by others	information about an individual online and create a summary report of the information I find. •	how impulsive and rash communications online may cause problems (e.g. flaming, content produced

Children's Mental Health Week)

- Spr 2nd half term: Managing Online Information
- Sum 1st half term: Selfimage & identity
- Sum 2nd half term:
 Online relationships

I can describe ways that some people can be unkind online. • I can offer examples of how this can make others feel.

I can talk about how I

can use the internet to find things out. • I can identify devices I could use to access information on the internet. • I can give simple examples of how to find information (e.g. search engine, voice activated searching).

I can identify rules that help keep us safe and healthy in and beyond the home when using technology. • I can give some simple examples.

I can identify some simple examples of my personal information (e.g. name, address, birthday, age, location). • I can describe the people I can trust and can share this with; I can explain why I can trust them

know that work I create belongs to me.
• I can name my work so that others know it belongs to me.

a trusted adult or helpline if I find content that makes me feel sad, uncomfortable worried or frightened.

I can explain rules to keep us safe when we are using technology both in and beyond the home. • I can give examples of some of these rules

I can recognise more detailed examples of information that is personal to me (e.g. where I live, my family's names, where I go to school). • I can explain why I should always ask a trusted adult before I share any information about myself online. • I can explain how passwords can be used to protect information and devices

I can explain why work I create using technology belongs to me. • I can say why it belongs to me (e.g. 'it is my idea' or 'I designed it'). • I can save my work so that others know it belongs to me (e.g. filename, name on content

long time. • I know who to talk to if I think someone has made a mistake about putting something online.

I can give examples of bullying behaviour and how it could look online. • I understand how bullying can make someone feel. • I can talk about how someone can/would get help about being bullied online or offline.

I can use keywords in search engines. • I can demonstrate how to navigate a simple webpage to get to information I need (e.g. home, forward, back buttons: links, tabs and sections). • I can explain what voice activated searching is and how it might be used (e.g. Alexa, Google Now, Siri). • I can explain the difference between things that are imaginary, 'made up' or 'make believe' and things that are 'true' or 'real'. • I can explain why some information I find online may not be true.

I can explain simple guidance for using technology in different environments and settings. • I can say how those rules/guides can help me

I can describe why other people's work belongs to them. • I can recognise that content on the internet may belong to other people

I can describe why other people's work belongs to them. • I can recognise that content on the internet may belong to other people. and what information I can trust them with. I can explain why I can take back my trust in someone or something if I feel nervous, uncomfortable or worried. I can explain what it means to 'know someone' online and why this might be different from knowing someone in real life. I can explain what is meant by 'trusting someone online'. I can explain why this is different from 'liking someone online'

I can search for information about myself online. • I can recognise I need to be careful before I share anything about myself or others online. • I know who I should ask if I am not sure if I should put something online.

I can explain what bullying is and can describe how people may bully others. • I can describe rules about how to behave online and how I follow them.

can use key phrases in search engines. • I can explain what autocomplete is and how to choose the best suggestion. • I can explain how the internet can be used to sell and buy things • I can explain the difference between a 'belief', an 'opinion' and a 'fact'.

I can explain why spending too much time using technology can sometimes have a negative impact on me; I can give some examples of activities where it is easy to spend a lot of time engaged (e.g. games, films, videos)

I can give reasons why I should only share information with people I choose to and can trust. I can explain that if I am not sure or I feel pressured, I should ask a trusted adult. • I understand and can give reasons why passwords are

I can identify some online technologies where bullying might take place.
• I can describe ways people can be bullied through a range of media (e.g. image, video, text, chat).
• I can explain why I need to think carefully about how content I post might affect others, their feelings and how it may affect how others feel about them (their reputation).

I can analyse information

and differentiate between

'opinions', 'beliefs' and

'facts'. I understand what criteria have to be met before something is a 'fact'. • I can describe how I can search for information within a wide group of technologies (e.g. social media, image sites, video sites). • I can describe some of the methods used to encourage people to buy things online (e.g. advertising offers; in-app purchases, pop-ups) and can recognise some of these when they appear online. • I can explain that some people I 'meet online' (e.g. through social media) may be computer programmes pretending to be real people. • can explain why lots of people sharing the same opinions or beliefs online does not make those opinions or beliefs true

I can explain how using technology can distract me from other things I might do or should be doing. • I can identify times or situations when I might need to limit the amount of time I use technology. • I can suggest strategies to help me limit this time.

I can explain what a strong password is. • I can describe strategies for keeping my personal information private, depending on context. • I I can describe ways that information about people online can be used by others to make judgments about an individual

I can recognise when

someone is upset, hurt or angry online. • I can describe how to get help for someone that is being bullied online and assess when I need to do or say something or tell someone. • I can explain how to block abusive users. • I can explain how I would report online bullying on the apps and platforms that I use. • I can describe the helpline services who can support me and what I would say and do if I needed their help (e.g. Childline).

can use different search technologies. • I can evaluate digital content and can explain how I make choices from search results. • I can explain key concepts including: data, information, fact, opinion belief, true, false, valid, reliable and evidence. • I understand the difference between online misinformation (inaccurate information distributed by accident) and disinformation (inaccurate information deliberately distributed and intended to mislead). I can explain what is meant by 'being sceptical'. • I can give examples of when and why it is important to be 'sceptical'. I can explain what is meant by a 'hoax'. • I can explain why I need to think carefully before I forward anything online. • I can explain why some information I find online may not be honest, accurate or legal. • I can explain why information that is on a large number of sites may still be inaccurate or untrue. I can assess how this might happen (e.g. the sharing of in live streaming). • I can demonstrate how I would support others (including those who are having difficulties) online. • I can demonstrate ways of reporting problems online for both myself and my friends.

I can explain how I am developing an online reputation which will allow other people to form an opinion of me. • I can describe some simple ways that help build a positive online reputation

I can describe how to capture bullying content as evidence (e.g screen-grab, URL, profile) to share with others who can help me. • I can identify a range of ways to report concerns both in school and at home about online bullying.

I can use search technologies effectively. • I can explain how search engines work and how results are selected and ranked. • I can demonstrate the strategies I would apply to be discerning in evaluating digital content. • I can describe how some online information can be opinion and can offer examples. • I can explain how and why some people may present 'opinions' as 'facts'. I can define the terms 'influence', 'manipulation' and 'persuasion' and explain how I might encounter these online (e.g. advertising and 'ad targeting'). • I can demonstrate strategies to enable me to analyse and evaluate the validity of 'facts' and I can explain why using these strategies are important. • I can identify, flag and report inappropriate content.

I can describe common systems that regulate agerelated content (e.g. PEGI, BBFC, parental warnings)

		important. • I can describe simple strategies for creating and keeping passwords private. • I can describe how connected devices can collect and share my information with others I can explain why copying someone else's work from the internet without permission can cause problems. • I can give examples of what those problems might be	can explain that others online can pretend to be me or other people, including my friends • I can suggest reasons why they might do this • I can explain how internet use can be monitored. When searching on the internet for content to use, I can explain why I need to consider who owns it and whether I have the right to reuse it. • I can give some simple examples	misinformation either by accident or on purpose). I can describe ways technology can affect healthy sleep and can describe some of the issues. • I can describe some strategies, tips or advice to promote healthy sleep with regards to technology I can create and use strong and secure passwords. • I can explain how many free apps or services may read and share my private information (e.g. friends, contacts, likes, images, videos, voice, messages, geolocation) with others. • I can explain how and why some apps may request or take payment for additional content (e.g. in-app purchases) and explain why I should seek permission from a trusted adult before purchasing I can assess and justify	and describe their purpose. I can assess and action different strategies to limit the impact of technology on my health (e.g. nightshift mode, regular breaks, correct posture, sleep, diet and exercise). I can explain the importance of self-regulating my use of technology; I can demonstrate the strategies I use to do this (e.g. monitoring my time online, avoiding accidents) I use different passwords for a range of online services. I can describe effective strategies for managing those passwords (e.g. password managers, acronyms, stories). I know what to do if my password is lost or stolen. I can explain what app permissions are and can give some examples from the technology or services use. I can describe simple ways to increase privacy on apps and services that provide privacy settings. I
				explain why I should seek permission from a trusted adult before purchasing	the technology or services use. • I can describe simple ways to increase privacy or apps and services that provide privacy settings. I can describe ways in which some online content target people to gain money or information illegally; • I can describe strategies to help me identify such content
					(e.g. scams, phishing I can demonstrate the use of search tools to find and access online content which can be reused by others. • I can demonstrate how to make references to and acknowledge sources I have used from the internet