



	Digital Literacy						
YI	Y2	Y3	Y4	Y5	Y6		
Media Balance Is	Pause and Think Online	We, the Digital Citizens	Your Rings of	My Media Choices	Finding My Media		
		To understand that being a		To learn the 'What? When?			
To know when and why to	importance of being safe,	good digital citizen means	To examine both online and	How much?' framework for	To reflect on how balanced		
take breaks from device	responsible, and respectful	being safe and responsible	in-person responsibilities.	describing our media	you are in your daily lives.		
time.	online.	online.	To describe the 'Rings of	choices.	To consider what 'media		
To consider the feelings of	To learn the 'Pause and	To take a pledge to be a	Responsibilities' as a way to	To use this framework and	balance' means and how it		
people around me, even	Think' strategies for being a	good digital citizen.	think about how our	our emotional responses to	applies to you.		
when using technology.	good digital citizen.		behaviour affects us and	evaluate how healthy	To create a personalised		
		Device-Free Moments	others.	different types of media	plan for healthy and		
Pause for People	How Technology Makes	To recognise the ways in		choices are.	balanced media use.		
To know why it's important	You Feel	which digital devices can be	Password Power-Up	To begin to develop our			
	To recognise the different	distracting.	To define the term	own definition of a healthy	You Won't Believe This!		
when using technology.	kinds of feeling you can	To identify how you feel	'password' and describe its	media balance.	To define 'the curiosity gap'.		
To use 'Pause, Breathe,	have when using	when others are distracted	purpose.		To explain how clickbait		
Finish up' as a self-	technology.	by their digital devices.	To understand why a strong	Private and Personal	uses the curiosity gap to get		
	To know what to do when			Information	your attention.		
transitioning from	you don't have a good	moments for themselves	To practise creating a	To identify the reasons why	To use strategies for		
technology to face-to-face	feeling when using	and others.		people share information	avoiding clickbait.		
interactions.	technology.		password.	about themselves online.			
		That's Private		To explain the difference	Beyond Gender		
	Internet Traffic Light	To recognise the kind of		between personal and	Stereotypes		
Neighbourhood	To understand that being	information that is private.	To consider how posting	private information.	To define 'gender		
	safe online is similar to	To understand you should		To explain why it is risky to	stereotypes' and describe		
internet can be used to visit		never give out private		share private information	how they can be present		
	,	information online.		online.	online.		
	apps that are 'just right' or		To reflect on the most		To describe how gender		
To know how to stay safe		Digital Trails		Our Online Tracks	stereotypes can lead to		
online.	To know how to get help	To learn that the		To define the term 'digital	unfairness or bias.		
To explain rules for safely		information you share		footprint' and identify the	To share how gender		
using the internet.		online leaves a digital	post online to best reflect	online activities that	stereotypes impact who you		
		footprint/trail.		contribute to it.	are.		
		To explore what		To identify ways we are in			
		information is OK to be		control of our digital	Digital Friendships		
		shared online.		footprints.	To compare and contrast		
				To understand what	different online-only		
				responsibilities we have for	friendships.		





Who is in Your Online To define what a Community? community is, both in To compare and contrast person and online. how you are connected to To explain how having different people and places, norms helps people in a in person and on the community achieve their internet. goals. To demonstrate an To create and pledge to adhere to share norms for understanding of how people can connect on the being in an online internet. community. Putting a Stop to Online The Power of Words Meanness To understand it's To understand what online important to think about

meanness can look like and the words we use. how it makes people feel. To identify ways to respond to mean words online. to mean words online.

### Let's Give Credit

is a sign of respect for

people's work. To learn how to give credit and videos can be altered in your schoolwork for content they use from the internet.

To explain how giving credit

To identify ways to respond characteristics that make To decide what statements are ok to say online and which are not.

## Is Seeing Believing? To recognise that photos

digitally. To identify different reasons To define 'copyright' and why someone might alter a photo or video. To analyse altered photos and videos to determine

the digital footprints for ourselves and others.

### **Keeping Games Fun and** To describe how to Friendly

To define 'social interaction' friend if they ask something and give an example. To describe the positives and negatives of social interaction in online games. Is it Cyberbullying? To create guidelines for positive social interaction.

### Be a Super Digital Citizen

To reflect on the someone an upstanding digital citizen. To recognise what cyberbullying is. To share ways to be a super digital citizen.

# A Creator's Rights and Responsibilities

explain how it applies to creative work. To describe our rights and responsibilities as creators. To apply the copyright principles to real-life scenarios.

To describe the benefits and risks of online-only friendships. respond to an online-only that makes you uncomfortable.

To recognise similarities and differences between inperson bullying, cyberbullying and being mean.

To empathise with the targets of cyberbullying. To identify strategies for dealing with cyberbullying and ways you can support those being cyberbullied.

### Reading News Online

To understand the purposes of different parts of an online news page. To identify the parts and structure of an online news article. To know the things to watch out for when reading online news pages such as sponsored content and advertisements.

why.





ΥI	Y2	Y3	Y4	<b>Y</b> 5	Y6
Moving a robot	Robot algorithms	Sequence in music	Repetition in shapes	Selection in physical	Variables in games
To explain what a given	To describe a series of	To explore a new	To identify that accuracy in	computing	To define a 'variable' as
command will do	instructions as a sequence	programming environment	programming is important	To control a simple circuit	something that is
To act out a given word	To explain what happens	I can identify that each	To create a program in a	connected to a computer	changeable
To combine forwards and	when we change the order	sprite is controlled by the	text-based language	To write a program that	To explain why a variable is
backwards commands to	of instructions	commands I choose	To explain what 'repeat'	includes count-controlled	used in a program
make a sequence	To use logical reasoning to	To explain that a program	means	loops	To choose how to improve
To combine four direction	predict the outcome of a	has a start	To modify a count-	To explain that a loop can	a game by using variables
commands to make	program (series of	To recognise that a	controlled loop to produce	stop when a condition is	To design a project that
sequences	commands)	sequence of commands can	a given outcome	met, e.g., number of times	builds on a given example
To plan a simple program	To explain that	have an order	To decompose a program	To conclude that a loop can	To use my design to create
To find more than one	programming projects can	To change the appearance	into parts	be used to repeatedly check	a project
solution to a problem	have code and artwork	of my project	To create a program that	whether a condition has	To evaluate my project
	To design an algorithm	To create a project from a	uses count-controlled loops		
	To create and debug a	task description	to produce a given outcome	To design a physical project	Sensing
animation	program that I have written			that includes selection	To create a program to run
To choose a command for a		Events and actions	-1	To create a controllable	on a controllable device
	Introduction to quizzes	To explain how a sprite		system that includes	To explain that selection
		moves in an existing project		selection	can control the flow of a
	of commands has a start	To create a program to	different programming		program
	To explain that a sequence	move a sprite in four			To update a variable with a
	of commands has an	directions		To explain how selection is	
	outcome	To adapt a program to a		used in computer programs	
	To create a program using a			To relate that a conditional	statement to compare a
	given design	To develop my program by			variable to a value
		adding features			To design a project that
			includes two or more loops		uses inputs and outputs on
		program	which run at the same time		a controllable device
	To decide how my project	To design and create a	To modify an infinite loop in		To develop a program to
	can be improved	maze-based challenge		0 .	use inputs and outputs on a
					controllable device
				To create a program which	
			1 7	uses selection	
			includes repetition	To evaluate my program	





	Information Technology						
ΥI	Y2	Y3	Y4	Y5	Y6		
Technology around us	Information technology	Connecting computers		Sharing information	Communication		
To identify technology	around us	To explain how digital	To describe how networks	To explain that computers	To identify how to use a		
To identify a computer and	To recognise the uses and	devices function	physically connect to other	can be connected together	search engine		
its main parts		To identify input and output	networks	to form systems	To describe how search		
To use a mouse in different	technology	devices		To recognise the role of	engines select results		
ways	To identify information	To recognise how digital	networked devices make up	computer systems in our	To describe how search		
To use a keyboard to type	technology in the home	devices can change the way	the internet	lives	engines select results		
To use the keyboard to edit	To identify information	we work	To outline how websites	To recognise how	To explain how search		
text	technology beyond school	To explain how a computer	can be shared via the World	information is transferred	results are ranked		
To create rules for using	To explain how information	network can be used to	Wide Web	over the internet	To recognise why the order		
technology responsibly	technology benefits us	share information	To describe how content	To explain how sharing	of results is important, and		
	To show how to use	To explore how digital	can be added and accessed	information online lets	to whom		
Digital painting	information technology	devices can be connected	on the World Wide Web	people in different places	To recognise how we		
To describe what different	safely	To recognise the physical	To recognise how the	work together	communicate using		
freehand tools do	To recognise that choices	components of a network	content of the WWW is	To contribute to a shared	technology		
To use the shape tool and	are made when using		created by people	project online	To evaluate different		
the line tools	information technology	Stop-frame animation	To evaluate the	To evaluate different ways	methods of online		
To make careful choices		To explain that animation is	consequences of unreliable	of working together online	communication		
when painting a digital	Digital photography	a sequence of drawings or	content				
picture	To know what devices can	photographs		Video editing	Web page creation		
To explain why I chose the	be used to take	To relate animated	Audio editing	To recognise video as	To review an existing		
tools I used	photographs	movement with a sequence	To identify that sound can	moving pictures, which can	website and consider its		
To use a computer on my	To use a digital device to	of images	be digitally recorded	include audio	structure		
own to paint a picture	take a photograph	To plan an animation	To use a digital device to	To identify digital devices	To plan the features of a		
To compare painting a	To describe what makes a	To identify the need to	record sound	that can record video	web page		
picture on a computer and	good photograph	work consistently and	To explain that a digital	To capture video using a	To consider the ownership		
on paper	To decide how photographs		recording is stored as a file	digital device	and use of images		
	can be improved	To review and improve an	To explain that audio can be	To recognise the features o	f(copyright)		
Digital writing	To use tools to change an	animation	changed through editing	an effective video	To recognise the need to		
To use a computer to write	image	To evaluate the impact of	To show that different	To identify that video can	preview pages		
To add and remove text on	To recognise that images	adding other media to an	types of audio can be	be improved through	To outline the need for a		
a computer	can be changed	animation	combined and played	reshooting and editing	navigation path		
To identify that the look of	_		together	To consider the impact of	To recognise the		
text can be changed on a	Making music	Desktop publishing	To evaluate editing choices	the choices made when	implications of linking to		
computer	To say how music can make	To recognise how text and	made	making and sharing a video	content owned by other		
	us feel	images convey information		_	people		





To make careful choices when changing text To explain why I used the tools that I chose To compare writing on a computer with writing on paper

## **Grouping data**

To label objects To identify that an object can be counted To describe objects in different ways To count objects with the same properties To compare groups of objects To answer questions about To create a pictogram groups of objects

To identify that there are patterns in music be used in different ways To show how music is made from a series of notes desktop publishing To create music for a purpose To review and refine our computer work

### **Pictograms**

To recognise that we can count and compare objects **Branching databases** using tally charts To recognise that objects can be represented as pictures To select objects by attribute and make comparisons To recognise that people can be described by attributes To explain that we can present information using a To compare the computer.

To recognise that text and layout can be edited To describe how music can To choose appropriate page images can be changed settings To add content to a publication To consider how different layouts can suit different purposes To consider the benefits of desktop publishing

To create questions with yes/no answers To identify the object attributes needed to collect To explain that data relevant data To create a branching database To identify objects using a branching database To explain why it is helpful for a database to be well structured information shown in a pictogram with a branching database

### Photo editing

To explain that digital To identify that drawing tools can be used to To change the composition produce different outcomes create and manipulate of an image To create a vector drawing three-dimensional (3D) To describe how images can by combining shapes be changed for different To use tools to achieve a desired effect To make good choices To recognise that vector when selecting different drawings consist of layers To group objects to make tools them easier to work with To recognise that not all images are real To evaluate my vector To evaluate how changes drawing

### Data logging

can improve an image

To use a form to record information gathered over time can be To compare paper and used to answer questions computer-based databases To use a digital device to To outline how grouping collect data automatically To explain that a data us to answer questions logger collects 'data points' from sensors over time used to select specific data To use data collected over To explain that computer a long duration to find programs can be used to compare data visually information To identify the data needed To apply my knowledge of a To apply formulas to data, to answer questions database to ask and answer including duplicating To use collected data to eal-world questions answer questions

Flat-file databases

### Vector drawing 3D modelling

To use a computer to digital objects To compare working digitally with 2D and 3D graphics To construct a digital 3D model of a physical object To identify that physical objects can be broken down into a collection of 3D shapes To design a digital model by combining 3D objects To develop and improve a digital 3D model

#### **S**preadsheets

and then sorting data allows To identify questions which can be answered using data To explain that tools can be To explain that objects can be described using data To explain that formula can be used to produce calculated data To create a spreadsheet to olan an event To choose suitable ways to present data