

Reception

I can explain what is meant by personal information	with help  on own 	I understand what a computer is	with help  on own 	I can create a digital drawing	with help  on own 
Ref DCT		Ref 1		Ref 1	
I can label different parts of a computer	with help  on own 	I can print	with help  on own 	I can save my work	with help  on own 
Ref 1		Ref 1		Ref 1	
I can control a programmable toy and make it move to a desired location	with help  on own 	I can control a remote control toy	with help  on own 	I can work with my classmates to complete a task, taking turns and helping each other	with help  on own 
Ref 2		Ref 2		Ref 2	
I can explain the importance of sequencing	with help  on own 	I can identify what an algorithm is	with help  on own 	I can create digital art.	with help  on own 
Ref 3		Ref 3		Ref 4	
I can take a photograph on an iPad	with help  on own 	I can record on an iPad	with help  on own 	I can send an email	with help  on own 
Ref 5		Ref 5		Ref 6	

Year 1

I can explain what personal information is	with help 😊 on own 😊	I can identify people I can trust and discuss any concerns I may have about using the internet	with help 😊 on own 😊	I can explain what an algorithm is	with help 😊 on own 😊
Ref DCT		Ref DCT		Ref 7	
I can identify everyday tasks that are algorithms - such as making a sandwich	with help 😊 on own 😊	I can give a sequence of instructions to my friend to undertake a task and identify that this is an	with help 😊 on own 😊	I can create a storyboard detailing a sequence of instructions	with help 😊 on own 😊
Ref 7		Ref 7		Ref 7	
I can complete simple programs on the computer	with help 😊 on own 😊	I can use a digital camera	with help 😊 on own 😊	I can take a photograph on an iPad	with help 😊 on own 😊
Ref 7		Ref 8		Ref 8	
I can use directional language to create an algorithm	with help 😊 on own 😊	I can give instructions	with help 😊 on own 😊	I can follow instructions	with help 😊 on own 😊
Ref 9		Ref 9		Ref 9	
I can create a photo story with audio	with help 😊 on own 😊	I can program a floor robot to undertake a certain task	with help 😊 on own 😊	I can program a Bee-Bot on an iPad	with help 😊 on own 😊
Ref 9		Ref 10		Ref 10	

Year 1

I can help others find information on the internet	with help 😊 on own 😊	I can create a short script	with help 😊 on own 😊	I can record	with help 😊 on own 😊
Ref 11		Ref 11		Ref 11	
I can use a search engine	with help 😊 on own 😊	I can use Google Earth to search faraway places	with help 😊 on own 😊	I can make an eBook	with help 😊 on own 😊
Ref 12		Ref 12		Ref 12	
I can create a 3D shape on an iPad	with help 😊 on own 😊	I can create a simple animation in Scratch Junior.	with help 😊 on own 😊		with help 😊 on own 😊
Ref 101		Ref 101			
	with help 😊 on own 😊		with help 😊 on own 😊		with help 😊 on own 😊
	with help 😊 on own 😊		with help 😊 on own 😊		with help 😊 on own 😊

Year 2

I can explain what is meant by personal information and explain who I should share it with	with help 😊 on own 😊	I can explain what is meant by the term cyberbullying	with help 😊 on own 😊	I can explain the different ways of communicating online	with help 😊 on own 😊
Ref 12		Ref 12		Ref 12	
I can explain risks when using the internet	with help 😊 on own 😊	I can send an email	with help 😊 on own 😊	I can post safely on Edmodo	with help 😊 on own 😊
Ref 13		Ref 13		Ref 13	
I can create an electronic game	with help 😊 on own 😊	I can create digital images	with help 😊 on own 😊	I can create a video message using an iPad	with help 😊 on own 😊
Ref 14		Ref 14		Ref 14	
I can create a podcast	with help 😊 on own 😊	I can complete a tally chart	with help 😊 on own 😊	I can create a graph using a computer package	with help 😊 on own 😊
Ref 14		Ref 15		Ref 15	
I can discuss the different ways of presenting data	with help 😊 on own 😊	I can follow instructions	with help 😊 on own 😊	I can give instructions	with help 😊 on own 😊
Ref 15		Ref 16		Ref 16	

Year 2

I can explain what an algorithm is	with help 😊 on own 😊	I can give an example of an algorithm	with help 😊 on own 😊	I can identify 'bugs' in computer programs	with help 😊 on own 😊
Ref 16		Ref 16		Ref 16	
I can fix a 'bug' and explain how I did it	with help 😊 on own 😊	I can use the internet to research	with help 😊 on own 😊	I can explain the difference between web 1.0 and web 2.0	with help 😊 on own 😊
Ref 16		Ref 17		Ref 17	
I can create a presentation	with help 😊 on own 😊	I can create an eBook and include appropriate pictures	with help 😊 on own 😊	I can predict the outcome of a sequence of blocks in Scratch	with help 😊 on own 😊
Ref 17		Ref 17		Ref 18	
I can predict the outcome of a sequence of blocks in Scratch	with help 😊 on own 😊	I can explain what a sprite is	with help 😊 on own 😊	I can draw a sprite	with help 😊 on own 😊
Ref 18		Ref 18		Ref 18	
I can use Foldify to create a 3D model	with help 😊 on own 😊	I can produce a video showing a sequence of events	with help 😊 on own 😊	I can create a Stop Frame Animation	with help 😊 on own 😊
Ref 201		Ref 201		Ref 202	

Year 3

I can use the internet safely and responsibly	with help 😊 on own 😊	I can explain how the internet works	with help 😊 on own 😊	I can create a wiki	with help 😊 on own 😊
Ref DCT		Ref 19		Ref 19	
I can use an art package to create illustrations	with help 😊 on own 😊	I can create an eBook to retell a story	with help 😊 on own 😊	I can make an animation	with help 😊 on own 😊
Ref 20		Ref 20		Ref 21	
I can send an email	with help 😊 on own 😊	I can create a flow diagram	with help 😊 on own 😊	I can decompose an algorithm	with help 😊 on own 😊
Ref 21		Ref 22		Ref 22	
I can alter or improve an algorithm	with help 😊 on own 😊	I can explain what an input is	with help 😊 on own 😊	I can create a basic game using Hopscotch	with help 😊 on own 😊
Ref 22		Ref 22		Ref 22	
I can explain that programs are algorithms working on computers	with help 😊 on own 😊	I can programme a floor robot	with help 😊 on own 😊	I can explain what an algorithm is and give examples	with help 😊 on own 😊
Ref 22		Ref 23		Ref 23	

Year 3

I can identify bugs in code and predict outcomes	with help 😊 on own 😊	I can create my own Sprite in Scratch	with help 😊 on own 😊	I can create a background in Scratch	with help 😊 on own 😊
Ref 23		Ref 24		Ref 24	
I can create a computer game in Scratch	with help 😊 on own 😊	I can create an eBook and import photos	with help 😊 on own 😊	I can write my own algorithm	with help 😊 on own 😊
Ref 24		Ref 301		Ref 302	
I can create my own computer	with help 😊 on own 😊		with help 😊 on own 😊		with help 😊 on own 😊
Ref 303					
	with help 😊 on own 😊		with help 😊 on own 😊		with help 😊 on own 😊
	with help 😊 on own 😊		with help 😊 on own 😊		with help 😊 on own 😊

Year 4

I can use the internet safely and responsibly and identify online risks	with help  on own 	I can use Toca Builder to build a simple structure	with help  on own 	I can collaborate to create a 3D world	with help  on own 
Ref DCT		Ref 25		Ref 25	
I can use use a shared space online to save and share my work	with help  on own 	I can create a blog and explain how to use it correctly	with help  on own 	I can explain what the key components of a computer are	with help  on own 
Ref 26		Ref 27		Ref 27	
I understand how search engines work	with help  on own 	I can use Scratch to create a computer game using artificial intelligence	with help  on own 	I can explain what player interaction is	with help  on own 
Ref 27		Ref 28		Ref 28	
I can explain how variables and loops are used in a scratch game	with help  on own 	I can explain what artificial intelligence is	with help  on own 	I can debug my own code	with help  on own 
Ref 28		Ref 28		Ref 28	
I can import my footage into iMovie	with help  on own 	I can edit my footage	with help  on own 	I can film using an iPad or flipcam	with help  on own 
Ref 29		Ref 29		Ref 29	

Year 4

I can create a web page using HTML	with help  on own 	I can use Tags to create a webpage	with help  on own 	I can say what HTML stands for	with help  on own 
Ref 30		Ref 30		Ref 30	
I can use Scratch to create a computer game	with help  on own 	I can produce my own short film	with help  on own 	I can create a poster	with help  on own 
Ref 401		Ref 402		Ref 402	
	with help  on own 		with help  on own 		with help  on own 
	with help  on own 		with help  on own 		with help  on own 
	with help  on own 		with help  on own 		with help  on own 

Year 5

I can explain what cyberbullying is	with help 😊 on own 😊	I can explain what copyright is	with help 😊 on own 😊	I can differentiate between true and false information on the internet	with help 😊 on own 😊
Ref bCT		Ref bCT		Ref bCT	
I can change the properties of a sprite in Scratch	with help 😊 on own 😊	I can make an object move in Scratch	with help 😊 on own 😊	I can create a conditional statement in Scratch	with help 😊 on own 😊
Ref 31		Ref 31		Ref 31	
I can create a complex game using Scratch with multiple variables	with help 😊 on own 😊	I can create a website using WordPress	with help 😊 on own 😊	I can record an interview	with help 😊 on own 😊
Ref 31		Ref 32		Ref 33	
I can record a news report using a flipcam	with help 😊 on own 😊	I can explain what Augmented Reality is	with help 😊 on own 😊	I can create a QR code	with help 😊 on own 😊
Ref 33		Ref 34		Ref 34	
I can film and produce a short video	with help 😊 on own 😊	I can scan QR codes	with help 😊 on own 😊	I can explain the word debug and debug simple programs when required	with help 😊 on own 😊
Ref 34		Ref 34		Ref 34	

Year 5

I can explain what QR codes are	with help 😊 on own 😊	I can translate binary numbers to decimal	with help 😊 on own 😊	I can decipher code	with help 😊 on own 😊
Ref 35		Ref 35		Ref 35	
I can explain what binary code is	with help 😊 on own 😊	I can film an animated sequence	with help 😊 on own 😊	I can import footage into iMovie	with help 😊 on own 😊
Ref 35		Ref 36		Ref 36	
I can add music into iMovie	with help 😊 on own 😊	I can create a flipbook	with help 😊 on own 😊	I can use Foldify to create my own 3D building	with help 😊 on own 😊
Ref 36		Ref 36		Ref 501	
I can use Google Sketch Up to design a building	with help 😊 on own 😊	I can use coding blocks to program	with help 😊 on own 😊	I can create a podcast	with help 😊 on own 😊
Ref 501		Ref 502		Ref 502	
	with help 😊 on own 😊		with help 😊 on own 😊		with help 😊 on own 😊

Year 6

I can explain what cyberbullying is and know how to report any concerns	with help 😊 on own 😊	I can explain what copyright is and why we have copyright	with help 😊 on own 😊	I can give tips on how to stay safe when playing online games	with help 😊 on own 😊
Ref bCT		Ref bCT		Ref bCT	
I can create a storyboard with a complete narrative	with help 😊 on own 😊	I can use art package to trace images and create illustrations	with help 😊 on own 😊	I can create an eBook with audio	with help 😊 on own 😊
Ref 37		Ref 37		Ref 37	
I can produce graphs to analyse data	with help 😊 on own 😊	I can use multiple software applications to produce a report	with help 😊 on own 😊	I can explain what coding is	with help 😊 on own 😊
Ref 38		Ref 38		Ref 39	
I can give examples of what a coder does	with help 😊 on own 😊	I can use basic Javascript	with help 😊 on own 😊	I can use basic Python.	with help 😊 on own 😊
Ref 39		Ref 39		Ref 39	
I can explain what wearable technology is	with help 😊 on own 😊	I can explain what a prototype is	with help 😊 on own 😊	I can create an advert	with help 😊 on own 😊
Ref 40		Ref 40		Ref 40	

Year 6

I can explain what visual programming is	with help 😊 on own 😊	I can create a Flappy Bird style game	with help 😊 on own 😊	I can create a game using Xcode	with help 😊 on own 😊
Ref 41		Ref 41		Ref 41	
I can create a simple app for Android	with help 😊 on own 😊	I can build a sequence of blocks in Scratch	with help 😊 on own 😊	I can explain what different graphics are	with help 😊 on own 😊
Ref 41		Ref 42		Ref 42	
I can use conditional statements in Scratch to determine an	with help 😊 on own 😊	I can produce a technical drawing	with help 😊 on own 😊	I can debug code	with help 😊 on own 😊
Ref 42		Ref 601		Ref 602	
I can execute common commands using Python	with help 😊 on own 😊		with help 😊 on own 😊		with help 😊 on own 😊
Ref 602					
	with help 😊 on own 😊		with help 😊 on own 😊		with help 😊 on own 😊