

Branton Primary School and Nursery

Cycle C Coverage





Branton Primary School and Nursery Cycle C - Computing Coverage



KS2 Topics		E-Safety Spreadsheets	Controlling devices	Internet Research	Webpage Design Project	Podcasts/ Filming	Programming Adventures	
Information Technology (Computers and Hardware)	LKS2	Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create content that accomplish given goals, collecting, analysing evaluating and presenting data and information	✓	✓	✓	✓	✓	
		Use search technologies effectively	✓	✓	✓	✓	✓	✓
	UKS2	Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create content that accomplish given goals, collecting, analysing evaluating and presenting data and information	✓	✓	✓	✓	✓	✓
		Use search technologies effectively	✓	✓	✓	✓	✓	✓
Computer Science (Computational Thinking)	LKS2	Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts		✓			✓	
		Use sequence, selection, and repetition in programs; work with variables and various forms of input and output		✓			✓	
		Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs		✓			✓	
		Understand computer networks including the internet; how they can provide multiple services, such as the World Wide Web	✓	✓	✓	✓		
		Appreciate how [search] results are selected and ranked		✓	✓	✓		
	UKS2	Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts		✓			✓	

		Use sequence, selection, and repetition in programs; work with variables and various forms of input and output		✓				✓
		Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs		✓				✓
		Understand computer networks including the internet; how they can provide multiple services, such as the World Wide Web	✓	✓	✓	✓		
		Appreciate how [search] results are selected and ranked		✓	✓	✓		
Online Safety	LKS2	Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	✓	✓	✓	✓	✓	✓
		Recognise acceptable/unacceptable behaviour.	✓	✓	✓	✓	✓	✓
		Identify a range of ways to report concerns about content and contact.	✓	✓	✓	✓	✓	✓
	UKS2	Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	✓	✓	✓	✓	✓	✓
		Recognise acceptable/unacceptable behaviour.	✓	✓	✓	✓	✓	✓
		Identify a range of ways to report concerns about content and contact.	✓	✓	✓	✓	✓	✓
Digital Literacy and Online	LKS2	Understand the opportunities [networks] offer for communication and collaboration.	✓		✓	✓	✓	✓
		Be discerning in evaluating digital content.			✓	✓	✓	✓
		Use technology safely, respectfully and responsibly.	✓	✓	✓	✓	✓	✓
		Recognise acceptable/unacceptable behaviour; identify a range of ways to report	✓		✓	✓	✓	✓



Branton Primary School and Nursery Cycle C - Computing Coverage



EYFS/KS1 Topics			E-Safety Kapow Yr 1/2 (A)	Computer systems and Networks ; basic skills (Mouse) Kapow Yr 1/2 A	Programm ing 2 Bee bots Kapow Yr 1/2 (B)	Creating media Digital Imagery Kapow Yr 1/2 (B)	Data handling Introduction to data Kapow Yr 1/2 (B)	Stop motion: Using Tablets Kapow Yr 1/2 (B)		
Information Technology (Computers and Hardware)	0 to 3	Physical Development	Develop manipulation and control	✓	✓	✓	✓	✓	✓	
		Understanding the World	Repeat actions that have an effect.	✓	✓	✓	✓	✓	✓	
	3 to 4	Physical Development	Match their developing physical skills to tasks and activities in the setting.	✓	✓	✓	✓	✓	✓	
		Understanding the World	Explore how things work.	✓	✓	✓	✓	✓	✓	
	Rec	Physical Development	Develop their small motor skills so that they can use a range of tools competently, safely and confidently.	✓	✓	✓	✓	✓	✓	✓
			Make healthy choices - activity	✓	✓	✓	✓	✓	✓	✓
		Expressive Arts and Design	Explore, use and refine a variety of artistic effects to express their ideas and feelings.		✓	✓	✓			✓

	Understanding the World	Children recognise that a range of technology is used in places such as homes and schools.	✓	✓	✓	✓	✓	✓
		They select and use technology for particular purposes.	✓	✓	✓	✓	✓	✓
	ELG	Expressive Arts and Design	Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	✓	✓	✓	✓	✓
	KS1	Children use technology purposefully to create, organise, store, manipulate and retrieve digital content.	✓	✓	✓	✓	✓	✓
Computer Science (Computational Thinking)	KS1	Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions			✓		✓	✓
		Create and debug simple programs			✓		✓	
		Use logical reasoning to predict the behaviour of simple programs			✓		✓	
Online Safety	KS1	Children can use technology safely and respectfully, keeping personal information private.	✓	✓		✓		✓
		Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	✓	✓		✓		✓
Digital Literacy and Online Safety	KS1	Use technology safely and respectfully, keeping personal information private.	✓	✓	✓	✓	✓	✓
		Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	✓	✓	✓	✓	✓	✓

