

## Branton Community Primary School and

## Breamish Valley Community Nursery Cycle A Coverage







## Branton Community Primary School and Breamish Community Valley Nursery Cycle A - Computing Coverage

			Cycle A						
			EYFS/KS1 Topics	E-Safety Computer systems and networks	Word Processing Skills	Program ming Bee bots	Creating media Digital Imagery	Data handling Introduction to data	Skills Showcase
			KS2 Topics	E-Safety Computer systems and networks	Word Processing Presentation Skills	Program ming Micro bits/Scratch	Draw & Desktop Publishing	Computer Systems Emailing	Presentation Project Amazing Changes
	0 to	Physical Development	Develop manipulation and control		✓	✓	✓		
	3	Understanding the World	Repeat actions that have an effect.		✓	✓	✓		✓
ardware	3 to	Physical Development	Match their developing physical skills to tasks and activities in the setting.		<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓
rs and H	4	Understanding the World	Explore how things work.	✓	✓	✓	✓	<b>√</b>	<b>√</b>
Compute	Rec	Physical Development	Develop their small motor skills so that they can use a range of tools competently, safely and confidently.	✓	✓	✓	√	✓	✓
ology (			Make healthy choices - activity	✓	✓				
Information Technology (Computers and Hardware)		Expressive Arts and Design	Explore, use and refine a variety of artistic effects to express their ideas and feelings.		<b>√</b>		<b>√</b>		√
		Understanding the World	Children recognise that a range of technology is used in places such as homes and schools.	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓
			They select and use technology for particular purposes.	✓	✓	✓	✓	✓	✓

								E Community Primar
EL G	Expressive Arts and Design	Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.		✓		<b>√</b>		Be and the Community
KS 1	Children use tretrieve digita	technology purposefully to create, organise, store, manipulate and al content.	✓	<b>√</b>	✓	✓	✓	<b>√</b>
LKS 2	of digital devi	nd combine a variety of software (including internet services) on a range ices to design and create content that accomplish given goals, collecting, luating and presenting data and information		✓		✓	√	√
	Use search te	echnologies effectively	✓	✓	✓	✓	✓	✓
UK S2	of digital devi	nd combine a variety of software (including internet services) on a range ices to design and create content that accomplish given goals, collecting, luating and presenting data and information		✓		✓	√	√
	Use search te	echnologies effectively	✓	✓	✓	✓	✓	✓



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			KS2 Topics	E-Safety Computer systems and networks	Word Processing Presentation Skills	Program ming Micro bits/Scratch	Draw & Desktop Publishing	Computer Systems Emailing	Presentation Project Amazing Changes
	0 to 3	Physical Development	Develop manipulation and control		√	<b>√</b>	✓		
		Understandin g the World	Repeat actions that have an effect.		<b>√</b>	✓	<b>√</b>		<b>√</b>
ninking)	3 to	Physical Development	Match their developing physical skills to tasks and activities in the setting.		<b>√</b>	<b>\</b>	<b>√</b>	<b>√</b>	✓
tional Th	4	Understandin g the World	Explore how things work.	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>
Computa	Re c	Physical Development	Develop their small motor skills so that they can use a range of tools competently, safely and confidently.	✓	✓	<b>√</b>	<b>&gt;</b>	✓	<b>&gt;</b>
ence (			Make healthy choices - activity	✓	✓				
Computer Science (Computational Thinking)		Expressive Arts and Design	Explore, use and refine a variety of artistic effects to express their ideas and feelings.		✓		<b>√</b>		✓
3		Understandin g the World	Children recognise that a range of technology is used in places such as homes and schools.	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>	✓
			They select and use technology for particular purposes.	<b>√</b>	✓	<b>√</b>	✓	✓	✓

						S Community Primory
EL G	Expressive Arts and Design	Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	<b>√</b>		✓	Been and the Community
KS 1		what algorithms are; how they are implemented as programs on digital that programs execute by following precise and unambiguous instructions		✓		
	Create and d	lebug simple programs		✓		
	Use logical re	easoning to predict the behaviour of simple programs		✓		
LK S2		e and debug programs that accomplish specific goals, including controlling g physical systems; solve problems by decomposing them into smaller		✓		
		e, selection, and repetition in programs; work with variables and various ut and output		✓		
	Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs			<b>√</b>		
		computer networks including the internet; how they can provide multiple h as the World Wide Web		✓		
	Appreciate h	ow [search] results are selected and ranked		✓		
UK S2		e and debug programs that accomplish specific goals, including controlling gphysical systems; solve problems by decomposing them into smaller		√		
		e, selection, and repetition in programs; work with variables and various ut and output		✓		
	_	easoning to explain how some simple algorithms work and to detect and is in algorithms and programs		✓		
		computer networks including the internet; how they can provide multiple h as the World Wide Web		<b>√</b>		
	Appreciate h	ow [search] results are selected and ranked		✓		



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			EYFS/KS1 Topics	E-Safety Computer systems and networks	Word Processing Skills	Program ming Bee bots	Creating media Digital Imagery	Data handling Introduction to data	Skills Showcase
			KS2 Topics	E-Safety Computer systems and networks	Word Processing Presentation Skills	Program ming Micro bits/Scratch	Draw & Desktop Publishing	Computer Systems Emailing	Presentation Project Amazing Changes
	0 to	Physical Development	Develop manipulation and control		<b>√</b>	<b>√</b>	<b>√</b>		
	3	Understandin g the World	Repeat actions that have an effect.		<b>√</b>	<b>√</b>	<b>√</b>		✓
	3 to	Physical Development	Match their developing physical skills to tasks and activities in the setting.		<b>√</b>	<b>✓</b>	✓	<b>√</b>	✓
	4	Understandin g the World	Explore how things work.	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>
Safety	Re c	Physical Development	Develop their small motor skills so that they can use a range of tools competently, safely and confidently.	✓	✓	<b>\</b>	✓	✓	✓
Online			Make healthy choices - activity	✓	✓				
		Expressive Arts and Design	Explore, use and refine a variety of artistic effects to express their ideas and feelings.		<b>√</b>		<b>√</b>		✓
		Understandin g the World	Children recognise that a range of technology is used in places such as homes and schools.	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
			They select and use technology for particular purposes.	√	√	✓	✓	✓	✓

								E -
EL G KS 1	Expressive Arts and Design	Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.		<b>√</b>		<b>√</b>		and Jalley Commi
-	Children can private.	use technology safely and respectfully, keeping personal information	✓	√	✓	✓	<b>√</b>	✓
		re to go for help and support when they have concerns about content or ne internet or other online technologies.	<b>√</b>			<b>√</b>		✓
LK S2		re to go for help and support when they have concerns about content or ne internet or other online technologies.	<b>√</b>	<b>√</b>		<b>√</b>	✓	✓
	Recognise ac	cceptable/unacceptable behaviour.	✓	✓		✓	✓	✓
	Identify a rai	nge of ways to report concerns about content and contact.	✓	<b>√</b>		✓	✓	✓
UK S2		re to go for help and support when they have concerns about content or ne internet or other online technologies.	<b>√</b>	<b>√</b>		✓	<b>√</b>	✓
	Recognise ac	cceptable/unacceptable behaviour.	✓	✓		✓	✓	<b>√</b>
	Identify a rai	nge of ways to report concerns about content and contact.	✓	<b>√</b>		✓	✓	✓

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			Cycle A						
		Con		E-Safety Computer systems and networks	Word Processing Skills	Program ming Bee bots	Creating media Digital Imagery	Data handling Introduction to data	Skills Showcase
			KS2 Topics	E-Safety Computer systems and networks	Word Processing Presentation Skills	Program ming Micro bits/Scratch	Draw & Desktop Publishing	Computer Systems Emailing	Presentation Project Amazing Changes
	0 to	Physical Development	Develop manipulation and control		✓	<b>√</b>	<b>√</b>		
	3	Understandin g the World	Repeat actions that have an effect.		<b>√</b>	<b>√</b>	<b>√</b>		<b>√</b>
	3 to	Physical Development	Match their developing physical skills to tasks and activities in the setting.		<b>√</b>	<b>~</b>	<b>√</b>	<b>√</b>	✓
e Safety	4	Understandin g the World	Explore how things work.	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	<b>√</b>
Digital Literacy and Online Safety	Re c	Physical Development	Develop their small motor skills so that they can use a range of tools competently, safely and confidently.	<b>√</b>	✓	<b>✓</b>	✓	<b>√</b>	✓
eracy			Make healthy choices - activity	✓	✓				
Digital Lit		Expressive Arts and Design	Explore, use and refine a variety of artistic effects to express their ideas and feelings.		√		√		√
		Understandin g the World	Children recognise that a range of technology is used in places such as homes and schools.	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
			They select and use technology for particular purposes.	✓	✓	✓	✓	✓	✓

								Est Community Primar
EL G	Expressive Arts and Design	Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.		<b>√</b>		<b>√</b>		Be and they Community
KS	Use technolo	gy safely and respectfully, keeping personal information private.	✓	✓	✓	✓	✓	✓
1		re to go for help and support when they have concerns about content or e internet or other online technologies.	<b>√</b>	<b>√</b>		✓		✓
LK	Understand t	he opportunities [networks] offer for communication and collaboration.	✓	✓		✓	✓	✓
S2	Be discerning in evaluating digital content.			✓		✓	✓	✓
	Use technolo	gy safely, respectfully and responsibly.	✓	✓	✓	✓	✓	✓
	_	ceptable/unacceptable behaviour; identify a range of ways to report out content and contact.	<b>√</b>	✓		<b>√</b>	<b>√</b>	✓
UK	Understand t	he opportunities [networks] offer for communication and collaboration.	✓	✓		✓	✓	✓
S2	Be discerning	in evaluating digital content.		✓		✓	✓	✓
	Use technolo	gy safely, respectfully and responsibly.	✓	✓	✓	<b>√</b>	✓	✓
	_	ceptable/unacceptable behaviour; identify a range of ways to report out content and contact.	<b>√</b>	<b>√</b>		<b>√</b>	✓	✓