



Year	Autumn I	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Going Places Safely	Project Evolve	Project Evolve	Project Evolve	Project Evolve	<u>Project Evolve</u>
		Lesson in response to	Lesson in response to	Lesson in response to	Lesson in response to	Assess impact
	Project Evolve	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	
	Knowledge Map	Мар	Map	Map	Map	Our world and beyond
	(group)					Explore how
		<u>Lets celebrate</u>	Safer Internet Day	Long long ago	How does your garden	technology is used in
	This is me	Explore how		Explore how	grow?	daily life. Ongoing
	Explore how	technology is used in	National focus on safer	technology is used in	Explore how	assessment of
Docention	technology is used in	daily life. Ongoing	use of the internet.	daily life. Ongoing	technology is used in	knowledge recorded.
Reception	daily life. Ongoing	assessment of	Not all heroes wear	assessment of	daily life. Ongoing	
	assessment of	knowledge recorded.	<u>capes</u>	knowledge recorded.	assessment of	
	knowledge recorded.		Explore how		knowledge recorded.	
		Children will know	technology is used in			Children will know
	Children will know	how to type their name	daily life. Ongoing	Children will know	Children will know	how to dictate a
	how to use an iPad to	on an iPad	assessment of	how to make digital	how to programme a	question on Google
	take photos		knowledge recorded.	art.	Bee Bot	
			Children will know			
			how to use a trackpad			





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		Lesson in response to	Lesson in response to	Lesson in response to	Lesson in response to	Assess impact
	Project Evolve	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	
	Knowledge Map	Мар	Мар	Мар	Мар	Using Technolog
	(group)				<u>Coding</u>	Outside School
		<u>Pictograms</u>	Safer Internet Day	Animated Story Books	2Code	Children consider o
	Exploring Purple Mash	2Count	National focus on safer	2Create A Story	Explore basic code	discover ways
	& Online Safety	2Connect	use of the internet.	Create interactive	blocks and design &	technology features
	Safely exploring the	Interpret, create and		stories with a range of	create a simple	our everyday live
Year One	various programs	analyse pictograms	Maze Explorers	digital features	program	
	available.	Concepts supported	2Go	Where possible, link to	Show children recipes	
		with concrete	Gain familiarity with	current class story.	and craft instructions	
	Grouping and Sorting	representations.	basic coding concepts		to hook interest.	
	2Quiz		through the use of			
	Sorting activities		instructions and			
	Lessons supported with		challenges			
	physical items		Lessons can be			
			supplemented with			
			human directions.			





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	Going Places Safely	Project Evolve	Project Evolve	Project Evolve	Project Evolve	<u>Project Evolve</u>
		Lesson in response to	Lesson in response to	Lesson in response to	Lesson in response to	Assess impact
	Project Evolve	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	
	Knowledge Map	Map	Map	Map	Мар	Presenting Ideas
	(group)					2Quiz
		Making Music	Safer Internet Day	Questioning	Coding	2Connect
	Creating Pictures	2Sequence	National focus on safer	2Question	2Code	2Create A Story
	2PaintAPicture	Digitally create sounds	use of the internet.	2Count	Create programs using	Discover a range
	Discover various artists	and tunes and explore		Introduction to	basic objects and event	digital ways to pre
	and their styles and	use of music	Spreadsheets	branching databases	commands	information.
	create digital images in	Refer to music children	2Calculate	and binary trees and	Speak about real life	Relate to current to
\/ I	their style	enjoy and look at	Children build on	their use in	applications for coding	of work and class s
Year two	Discuss artists children	music creation e.g.	previous learning to	classification.		where possible
	have already	studios	use more challenging	Where possible, link		,
	experienced and how		features of 2Calculate	sorting activities to		
	their styles vary. What	Effective Searching	Children are reminded	current topic or		
	did they like / dislike	Chrome Browser	of real-life uses of	interests.		
	and why?	Learn about the	spreadsheets and			
		internet, how it	shown Excel and			
		functions, what it can	Sheets			
		offer and how to				
		search it effectively.				
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Year	Autumn I	Autumn 2	Spring I	Spring 2	Summer I	Summer 2
. 5	Password safety	Project Evolve	Project Evolve	Project Evolve	Project Evolve	Project Evolve
	<u>I assivoral sujecy</u>	Lesson in response to	Lesson in response to	Lesson in response to	Lesson in response to	Assess impact
	D . + E . I	T .	1			Assess impact
	Project Evolve	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	A.A. 11
	Knowledge Map	Мар	Мар	Мар	Map	<u>Micro:bite</u>
	(group)					2Code - Micro:bit
		Email	<u>Safer Internet Day</u>	<u>Coding</u>	Presenting with	Learn how to program
	Exploring Purple Mash	2Email	National focus on safer	2Code	Google Slides	a Micro:bit device
	Practise logging on	Children learn how to	use of the internet.	Plan, create and debug	Google Slides	Consistently remind
	independently and	use email via a secure		programs which	Children learn the uses	children of the
	safely exploring the	platform.	<u>Spreadsheets</u>	include timers and	and functions of	relevance of their
	various programs	Discuss with children	2Calculate	repeat commands	Google Slides.	learning to real-life
	available.	the benefits and	Children explore	Understand everyday	Explain real life uses	
Year Three	Touch Typing	potential issues with	functions and uses of	applications of coding	and cross-curricula	
	2Type	email communications.	spreadsheets	Discuss other	uses and show children	
	Children practise their		Explain real life uses	programmes used for	PowerPoint as an	
	typing skills.		and value of	coding	alternative.	
	01 0		spreadsheets, Also	Where possible, themed		
			show Sheets and	to topic learning		
			Excel	00 00 00 00 00 00		
			Excon			





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	Password safety	Project Evolve	Project Evolve	Project Evolve	Project Evolve	<u>Project Evolve</u>
		Lesson in response to	Lesson in response to	Lesson in response to	Lesson in response to	Assess impact
	Project Evolve survey	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	
	(Individual)	Map	Map	Map	Map	Writing for Differen
						Audiences
	Effective Searching	<u>Logo</u>	Safer Internet Day	<u>Coding</u>	Micro:bits	2Email
	Chrome Browser	Logo	National focus on safer	2Code	2Code - Micro:bit	2Simulate
	Learning how to	Create patterns, follow	use of the internet.	IF/Else statements,	Children learn how to	2Connect
	search effectively and	and create instructions	Artificial Intelligence	properties, variables	programme a Micro:bit	Children learn
Year Four	conducting searches	Maths links – problem	2Connect	and objects	device.	technology can b
	for specific reasons.	solving	Examples of AI apps	Consider many uses of	Consistently remind	used to organise
	Children made aware		Children are introduced	coding in everyday life	children of the	reorganise, develo
	of other browsers that		to the concept of		relevance of their	and
	are available		artificial intelligence,		learning to real-life.	explore ideas
			focusing on how it is			Children to consid
			used in our lives, the			real-life relevance
			future of AI and its			application of the
			role in creativity.			learning
			role in creativity.			leamir





Lesson in response to Autumn I Knowledge (Individual) Databases 2 Question 2 Investigate Children learn practical Children learn practical Children learn practical Lesson in response to Autumn I Knowledge Map Map Map Map Map Map Micro:bits 2 Code - Micro:bit Exploring and Understanding physical Understanding physical Lesson in response to Autumn I Knowledge Map Map Map Map Children learn practical Understanding physical Assess impact Autumn I Knowledge Map Map Map Micro:bits 2 Code - Micro:bit Exploring and Understanding physical Understanding physic	Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Project Evolve survey (Individual) Autumn I Knowledge Map Databases 2 Question 2 Investigate Children learn practical uses of word to search them effectively and how to create various types of databases. Autumn I Knowledge Map Autumn I Knowledge Map Microbits Spreadsheets Children to Day National focus on safer use of the internet. Coding Cod		Password safety	Project Evolve	Project Evolve	Project Evolve	Project Evolve	Project Evolve
(Individual) Map Map Map Map Map Map Map Ma			Lesson in response to	Lesson in response to	Lesson in response to	Lesson in response to	Assess impact
Databases 2 Question 2 Investigate Children learn practical uses of databases, how to search them effectively and how to create various types of databases. Word Processing Google Docs Children learn practical use of the internet. Safer Internet Day National focus on safer use of the internet. Safer Internet Day National focus on safer use of the internet. Coding Coding Coding Consistently relate learning to how coding is used in our everyday lives Ensure children are aware of extent of coding in our everyday Alicrobits Spreadsheets Children will lear plan design, crea plan design, crea plan design, crea plan design, crea coding coding Coding Coding Consistently relate learning to how coding used in our everyday lives e.g. Excel and Sheets		Project Evolve survey	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	
Databases 2 Question 2 Investigate Children learn practical Uses of databases, how to search them effectively and how to create various types of databases. Databases Year Five Databases Google Docs Children learn practical Uses of the internet. Spreadsheets 2 Code - Microbit Exploring and Understanding physical Und		(Individual)	Мар	Мар	Мар	Мар	Game Creator
2 Question 2 Investigate Children learn practical uses of word Vear Five 2 Coding Create various types of databases. Children learn practical uses of word Five Children learn practical uses of word Develop the life skills Creating efficient codes world. Creating efficient codes Creating of extent of Coding in our everyday Coding to search there Adatabases. Coding to how coding to use spreadsheets for practical purposes Ensure children are aware of extent of Coding to how coding to use spreadsheet software everyday lives Codiculate Children learn how to the search how to use spreadsheets for practical purposes Ensure children are aware of other spreadsheet software e.g. Excel and Sheets.							2DIY 3D
Year Five Children learn practical uses of word uses of databases, how to search them effectively and how to create various types of databases. Children learn practical uses of the internet. Coding coding coding practical purposes Consistently relate learning to how coding is used in our everyday lives Exploring and understanding physical coding practical purposes Ensure children learn how to use spreadsheets for practical purposes Coding Coding Coding Coding practical purposes Ensure children are aware of extent of coding in our everyday Children learn how to use spreadsheets for practical purposes Ensure children are aware of extent of coding in our everyday Children learn how to use spreadsheets for practical purposes Ensure children are aware of extent of coding in our everyday Children learn how to use spreadsheets for practical purposes Ensure children are aware of extent of coding in our everyday		<u>Databases</u>	Word Processing	Safer Internet Day	Micro:bits	<u>Spreadsheets</u>	Children will learn t
Year Five Children learn practical uses of word uses of databases, how to search them effectively and how to create various types of databases. Children learn practical uses of word uses of word processing software to develop the life skills that will aid them to venture into the wider databases. Coding Coding Coding Coding Coding Coding Consistently relate learning to how coding is used in our everyday lives Ensure children are aware of extent of coding in our everyday Coding in our everyday Understanding physical use spreadsheets for practical purposes Ensure children are everyday lives Insure children are everyday lives Ensure children are everyday lives		2Question	Google Docs	National focus on safer	2code - Micro:bit	2Calculate	plan, design, create
Year Five uses of databases, how to search them effectively and how to create various types of databases. Vear Five uses of databases, how to search them effectively and how to create various types of databases. Vear Five uses of databases, how to search them effectively and how to create various types of databases. Vear Five Coding Coding Coding Coding Coding Coding Consistently relate Learning to how coding is used in our everyday lives Ensure children are aware of extent of coding in our everyday Themed around current topic current topic coding Fractical purposes Ensure children are aware of other spreadsheet software e.g. Excel and Sheets		2Investigate	Children learn practical	use of the internet.	Exploring and	Children learn how to	share and evaluate of
to search them effectively and how to create various types of databases. That will aid them to venture into the wider world. The purpose aware of extent of coding in our everyday The purpose aware of extent of coding in our everyday The purpose aware of extent of coding in our everyday The purpose aware of consistently relate aware of other aware of other spreadsheet software everyday lives The purpose aware of extent of coding in our everyday The purpose aware of extent of coding in our everyday The purpose aware of extent of coding in our everyday		Children learn practical	uses of word		understanding physical	use spreadsheets for	online game.
effectively and how to create various types of databases. that will aid them to venture into the wider world. Creating efficient codes which serve a specific purpose Ensure children are aware of extent of coding in our everyday. Creating efficient codes learning to how coding is used in our everyday lives everyday lives everyday lives everyday lives everyday lives everyday lives	Year Five	uses of databases, how	processing software to	<u>Coding</u>	coding	practical purposes	Themed around
create various types of databases. venture into the wider which serve a specific purpose Ensure children are aware of extent of coding in our everyday is used in our everyday lives spreadsheet software everyday lives everyday lives spreadsheet software everyday everyday		to search them	develop the life skills	2Code	Consistently relate	Ensure children are	current topic
databases. world. purpose Ensure children are aware of extent of coding in our everyday everyday lives e.g. Excel and Sheets.		effectively and how to	that will aid them to	Creating efficient codes	learning to how coding	aware of other	
Ensure children are aware of extent of coding in our everyday		create various types of	venture into the wider	which serve a specific	is used in our	spreadsheet software	
aware of extent of coding in our everyday		databases.	world.	purpose	everyday lives	e.g. Excel and Sheets.	
coding in our everyday				Ensure children are			
				aware of extent of			
lives				coding in our everyday			
				lives			





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	Password safety	<u>Project Evolve</u>	Project Evolve	Project Evolve	Project Evolve	Project Evolve
		Lesson in response to	Lesson in response to	Lesson in response to	Lesson in response to	Assess impact
	Project Evolve survey	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	Autumn I Knowledge	
	(Individual)	Map.	Мар	Мар	Мар	Text Adventures
		·	Safer Internet Day	·		2Code, 2Connec
	Blogging	Spreadsheets	National focus on safer	Micro:bits	Quizzing	Plan and create
	2Blog	Google Sheets	use of the internet.	2Code - Mico:bit	2DIY	story with alternat
	Plan, write, share	Further explore		Children use Micro:bits	2Quiz	storylines and endi
V C.	literacy link	formulas and consider	Coding	to explore physical	Use a variety of Purple	Link to current top
Year Six		Probability calculation,	2Code	coding.	Mash tools to create	
		budgeting and	Use of tabs to organise	Consistently refer to	and share quizzes.	
		planning applications	code, code efficiently	the relevance of their	·	
		Children also shown	Games created with	learning within their		
		Excel and the features	link to Marvel Topic	everyday surroundings.		
		commonly used in our	Grammar knowledge			
		adult lives	applied in planning			
			stages			
Oplina Sala		ton Saionaa	Information Tooks alogue	Digital Lit		Access ont

Online Safety Computer Science Information Technology Digital Literacy Assessment

NB: Units may run over in to the start of the following term.

The first computing lesson of each term always has an Online Safety theme.