# **PlanIt Subject Overviews**

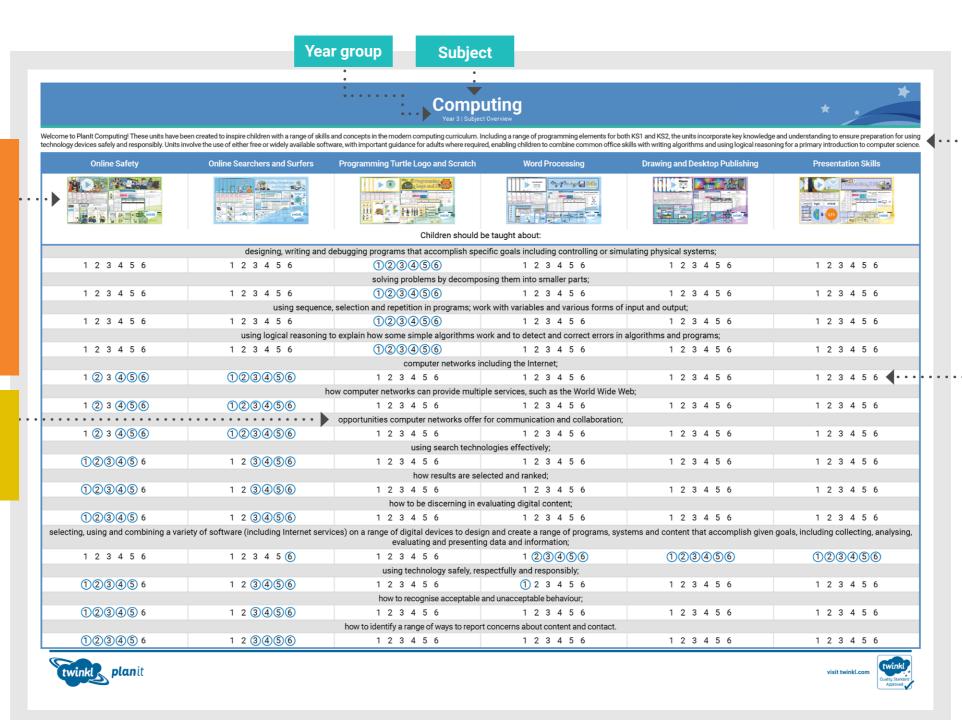
## The Units

Each subject area has been split into a minimum of six different units for coverage of the 2014 National Curriculum throughout the school year.

These units contain an overview, lesson packs, an assessment pack, additional resources and corresponding home learning packs.

### Aims

These aims are taken directly from the 2014 National Curriculum.



#### Introduction

This explains how the units have been written and the skills that the units plan to develop as well as the thinking behind each planning pack.

### Numbers

The numbers that are circled identify the lessons in this unit which meet the Nationa Curriculum aim.









Computing Skills	Online Safety	Programming Toys	Programming with ScratchJr	Using and Applying	Word Processing Skills
G cools  Winkl	Online Safety  Online Safety  Wind	Pro-drawing 1990	Character   Charac	Using and Applying	Word Processing Skills
4 0 0 4 5 6	4 0 0 4 5 6			4 0 0 4 5 6	4 0 0 4 5 6
1 2 3 4 5 6				1 2 3 4 5 6	1 2 3 4 5 6
1 0 0 4 5 6	_		_	1 0 0 4 5 6	1 0 2 4 5 6
1 2 3 4 5 6				1 2 3 4 5 6	1 2 3 4 5 6
1 2 2 / 5 6				1 2 2 4 5 6	1 2 3 4 5 6
1 2 3 4 3 0				1 2 3 4 3 0	1 2 3 4 3 0
1 2 3 4 5 6				1 2 3 4 5 6	1 2 3 4 5 6
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6	1 2 3 4 5 6
	usi	ing technology purposefully to cre			I
1 23456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123456	123456
	usin	g technology purposefully to org	anise;		
1 23456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123 4 5 6	123456
	us	ing technology purposefully to st	tore;		
1 23456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123 4 5 6	123456
	using	technology purposefully to man	ipulate;		
1 23456	① 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	023456	023456
	_				
1 23456				123 4 5 6	023456
1 2 (3)(4) 5 6				1 2 3 4 5 6	1 2 3 4 5 6
000000				4.0.0.4.7.4	4.0.0.1.7.4
023456				1 2 3 4 5 6	1 2 3 4 5 6
1 2 2 4 5 6				1 2 2 4 5 6	1 2 2 4 5 6
					1 2 3 4 5 6
					1 2 3 4 5 6
	1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6  1 2 3 4 5 6	1 2 3 4 5 6 1 2 3 4 5 6	Children should be taught about algorithms and what they are;  1 2 3 4 5 6 1 2 3 4 5 6 1 2 3 4 5 6 1 2 3 4 5 6  Programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and debugging simple programs and debugging simple programs and debugging simple programs and general programs and debugging simple programs and general programs and debugging simple programs and general programs and general programs and programs and programs and programs and programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and the programs and how they execute by following precise and they are implemented as programs and how they execute by following precise and they are implemented as programs and how they execute by following precise and they are implemented as programs and how they execute by following precise and they are implemented as programs and how they execute by following precise and they are implemented as programs and how they execute by following precise and they are implemented as programs and how they execute by following precise and they are implemented as programs and how they execute by	Children should be taught about:    1 2 3 4 5 6	Children should be taught about:    1 2 3 4 5 6









Technology Around Us	Online Safety	Digital Artists	Preparing for Turtle Logo	Presentation Skills	Programming Turtle Logo and Scratch	Using and Applying	Using the Internet		
The short of the s	Online species	G Google Microsoft	Perating for Intel Logo	Presenteding Sells	Programming Turning loop and Scratch warms deported to the first sector of the first s	twinki plant	Using the Diterrity  Company to the		
		(	Children should be taught abou	t:					
algorithms and what they are;									
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	023456	1 2 3 4 5 6	023456	1 2 3 4 56	1 2 3 4 5 6		
		how algorithms a	are implemented as programs of	on digital devices;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	023456	1 2 3 4 5 6	023456	1 2 3 4 56	1 2 3 4 5 6		
		programs and how they ex	ecute by following precise and	unambiguous instructions;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	023456	1 2 3 4 5 6	123456	1 2 3 4 56	1 2 3 4 5 6		
		creati	ing and debugging simple prog	ırams;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123456	1 2 3 4 5 6	123456	1 2 3 4 56	1 2 3 4 5 6		
		using logical reaso	ning to predict the behaviour o	of simple programs;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	023456	1 2 3 4 5 6	123456	1 2 3 4 56	1 2 3 4 5 6		
		using	g technology purposefully to cr	reate;					
1 2 3 4 5 6	1 2 3 4 5 6	123456	1 2 3 4 5 6	1 2345 6	1 2 3 4 5 6	1234 5 6	1 2 3 4 5 6		
		using	technology purposefully to org	janise;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2345 6	1 2 3 4 5 6	1234 5 6	1 2 3 4 5 6		
		usin	ig technology purposefully to s	tore;					
1 2 3 4 5 6	1 2 3 4 5 6	123456	1 2 3 4 5 6	1 2345 6	1 2 3 4 5 6	1234 5 6	1 2 3 45 6		
		using to	echnology purposefully to man	ipulate;					
1 2 3 4 5 6	1 2 3 4 5 6	123456	1 2 3 4 5 6	1 2345 6	1 2 3 4 5 6	1234 5 6	1 2 3 4 5 6		
		using	technology purposefully to re	trieve;					
1 2 3 4 5 6	1 2 3 4 5 6	123456	1 2 3 4 5 6	12345 6	1 2 3 4 5 6	1234 5 6	123456		
		recognising comm	on uses of information technol	logy beyond school;					
12 3 45 6	123456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		
		usin	g technology safely and respect	fully;					
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123456		
		the nee	ed to keep personal information	private;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	12345 6		
	where to go for h	elp and support when they have	e concerns about content or con	tact on the Internet or other onl	line technologies.				
1) 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123456		









Online Searchers and Surfers	Coding with Scratch: Learning Loops	Branching Databases	Drawing and Desktop Publishing	Online Safety	Presentation Skills	Programming Turtle Logo and Scratch	Using and Applying Skills	Word Processing	
online Sourchare and Country of the	Coding with States	Sronching Outsbases	Drawing and Desktop tableting	o Careful	Proceedings State of the Control of	Programming Programming Inches	Segretation of the segretation o	Was Programmed and the state of	
		Chi	ldren should be taught ab	out:					
	designing, writing and d	ebugging programs that ac	complish specific goals ir	ncluding controlling or simu	lating physical systems;				
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123456		1 2 3 4 5 6	
		solving problem	s by decomposing them in	nto smaller parts;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123456		1 2 3 4 5 6	
	using sequence,	selection and repetition in	programs; work with varia	bles and various forms of	input and output;				
1 2 3 4 5 6	1 23456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123456		1 2 3 4 5 6	
	using logical reasoning to	o explain how some simple	algorithms work and to d	etect and correct errors in	algorithms and programs;				
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123456		1 2 3 4 5 6	
		understand co	omputer networks includin	ng the Internet;					
123456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	The national curriculum	1 2 3 4 5 6	
	ho	ow computer networks can	provide multiple services,	such as the World Wide W	eb;		aims covered in this		
123456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	unit will depend on the project chosen.	1 2 3 4 5 6	
	opportunities computer networks offer for communication and collaboration;								
123456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6	
		using	search technologies effec	ctively;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6	
		how	results are selected and ra	inked;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6	
		how to be d	iscerning in evaluating dig	jital content;	'				
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6	
	bining a variety of softwar	re (including Internet servic				tems and content that acc	omplish given goals, includi	ng collecting, analysing,	
			evaluating	and presenting data and in	nformation;				
1 2 3 4 5 6	1 2 3 4 5 6	123456	123456	1 2 3 4 5 6	123456	1 2 3 4 5 6		1 23456	
using technology safely, respectfully and responsibly;									
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1) 2 3 4 5 6	
		how to recognis	se acceptable and unaccep	table behaviour;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6	
	how to identify a range of ways to report concerns about content and contact.								
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6	









Communication and Collaboration	Coding with Scratch: Questions and Quizzes	Animation	Online Safety	Programming Turtle Logo	Using and Applying Skills	Word Processing		
Communication and Goldsboration.	County (th Syntan	Animation is easy to the same and the same a	10 Mrs. Safetu	Pogramming Lutte-Logo  S. Lai Way hards  S. Lai Way hards  Twink hards	Paracy - Corner Corner G	Word Processing  Word Processing		
			be taught about:					
			ecific goals including controlling o					
1 2 3 4 5 6	023456	1 2 3 4 5 6	1 2 3 4 5 6 osing them into smaller parts;	123456		1 2 3 4 5 6		
1 2 3 4 5 6	023456	1 2 3 4 5 6	1 2 3 4 5 6	023456		1 2 3 4 5 6		
		ion and repetition in programs; w	ork with variables and various forr					
1 2 3 4 5 6	123456	1 2 3 4 5 6	1 2 3 4 5 6	023456		1 2 3 4 5 6		
	using logical reasoning to expla	in how some simple algorithms v	work and to detect and correct erro	ors in algorithms and programs;				
1 2 3 4 5 6	1 23456	1 2 3 4 5 6	1 2 3 4 5 6	023456		1 2 3 4 5 6		
		understand computer netv	vorks including the Internet;		The national curriculum			
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	aims covered in this unit	1 2 3 4 5 6		
	how com	puter networks can provide mult	iple services, such as the World W	ide Web;	will depend on the project			
123456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	chosen.	1 2 3 4 5 6		
	оррог	rtunities computer networks offe	er for communication and collabora	ation;				
123456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6		
		using search techr	nologies effectively;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 ② 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6		
		how results are se	elected and ranked;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 ② 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6		
		how to be discerning in	evaluating digital content;					
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 ② 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6		
selecting, using and combining	a variety of software (including Inte		al devices to design and create a rating and presenting data and infor		ontent that accomplish given goals	, including collecting, analysing,		
1 2 3 4 56	1 2 3 4 5 6	123456	1 2 3 4 5 6	1 2 3 4 5 6		023456		
	using technology safely, respectfully and responsibly;							
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6		
			e and unacceptable behaviour;					
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6		
		to identify a range of ways to repo	ort concerns about content and conta					
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6		1 2 3 4 5 6		









Strategic Searching Online	Coding with Scratch: Developing Games	Controlling Devices Flowol	Online Safety	Radio Station	Using and Applying Skills
Strategie Sourching  Culture  Strategie Sourching  Culture  Cultur	Scratch County Chinks	Controlling Description	Counting Safety	Racio Station	Amazing Beforens
de d		Children should be taught about:			
		that accomplish specific goals including			
1 2 3 4 5 6	123456	023456	1 2 3 4 5 6	1 2 3 4 5 6	
1 0 0 4 5 6		problems by decomposing them into sma	•	1 0 2 4 5 6	
1 2 3 4 5 6	123456	123456	1 2 3 4 5 6	1 2 3 4 5 6	
1 2 3 4 5 6		tition in programs; work with variables an	1 2 3 4 5 6	1 2 3 4 5 6	
	123456	①23456 e simple algorithms work and to detect ar			
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
1 2 3 4 3 0		stand computer networks including the Ir		1 2 3 4 3 0	
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	The metional accoming dump gives
1 2 3 4 3 0		rks can provide multiple services, such a		1 2 3 4 3 0	The national curriculum aims covered in this unit will depend on
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	the project chosen.
1 2 3 4 3 0		nputer networks offer for communication		1 2 3 4 3 0	
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
1 2 3 4 3 0	1 2 3 4 3 0	using search technologies effectively;	1 2 3 4 3 0	1 2 3 7 3 0	
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
	1 2 3 4 3 3	how results are selected and ranked;	1 2 3 9 3 3	1 2 3 4 3 0	
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
		to be discerning in evaluating digital con		. 2 0 . 0 0	
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
	ty of software (including Internet servic	ees) on a range of digital devices to desigeting, analysing, evaluating and presenting	n and create a range of programs, syste		
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123456	
. 2 0 . 0 0		technology safely, respectfully and respo			
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123 4 56	1 2 3 4 5 6	
		recognise acceptable and unacceptable be			
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123 4 56	1 2 3 4 5 6	
		range of ways to report concerns about cor			
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123 4 56	1 2 3 4 5 6	









Know Your Network	Coding with Scratch: Animated Stories	3D Modelling	Kodu Programming	Online Safety	Film-Making	Spreadsheets	Using and Applying Skills
Shows Wind And And And And And And And And And A	oiling with Spretch system of the community of the commun	twind ptanif	Kodu Programming  Basel	Conline Safety	Film-Making  twinkle	Spreadsheets  Spreadsheets  Spreadsheets  Spreadsheets  Spaning	Search Administration  Control of the control of th
	designing writing a		be taught about:	luding controlling or simulatin	a upveical eveteme.		
1 2 3 4 5 6	123456	1 2 3 4 5 6	1 23 4 56	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
	00000		ms by decomposing them into				
1 2 3 4 5 6	023456	1 2 3 4 5 6	1 23456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
		ence, selection and repetition		les and various forms of input	and output;		
1 2 3 4 5 6	023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
	using logical reason	ing to explain how some simp	ole algorithms work and to det	ect and correct errors in algor	ithms and programs;		
1 2 3 4 5 6	12 3 4 5 6	1 2 3 4 5 6	123456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
		comp	uter networks including the In	ternet;			
123456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 ② 3 4 5 6	1 2 3 4 5 6	The national curriculum
		how computer networks ca	an provide multiple services, s	uch as the World Wide Web;			aims covered in this unit will depend on the
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	project chosen.
opportunities computer networks offer for communication and collaboration;							
023456	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
		usir	ng search technologies effecti	vely;			
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 ② 3 4 5 6	1 2 3 4 5 6	
		hov	w results are selected and ran	ked;			
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	
			e discerning in evaluating digit				
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 ② 3 4 5 6	1 2 3 4 5 6	
selecting, using and combi	ning a variety of software (inc		range of digital devices to des lysing, evaluating and present		grams, systems and content th	nat accomplish given goals,	
1 2 3 4 5 6	1 2 3 4 5 6	123456	1 2 3 4 5 6	1 2 3 4 5 6	023456	023456	
		using techn	ology safely, respectfully and	responsibly;			
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	023456	1 2 3 4 5 6	1 2 3 4 5 6	
		how to recog	nise acceptable and unaccepta	ble behaviour;			
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123 4 56	1 2 3 4 5 6	1 2 3 4 5 6	
		how to identify a range	of ways to report concerns abo				
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	123 4 56	1 2 3 4 5 6	1 2 3 4 5 6	



