	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
- 1						

	What is an algorithm?	What is an algorithm?	How do I design a program to			
	Algorithms are	Algorithms are	accomplish a	accomplish a	accomplish a	accomplish a
	instructions	instructions	specific goal?	specific goal?	specific goal?	specific goal?
			How to I decide a			
	Instructions start	Instructions start	goal?	goal?	goal?	goal?
	with verbs	with verbs				
	Jam sandwich	Jam sandwich	How do I plan an			
	Beebots	Beebots	algorithm?	algorithm?	algorithm?	algorithm?
	How do	How do you	How do you get a	How do you get a	How do you large	How do
	computers know	create a simple	program to select	program to select	solve problems in	algorithms solve
	what to do?	program?	a variable?	a variable?	chunks?	their own
	Computers follow	Making things	How can I start a	How can I start a	How do I approach	problems?
	instructions.	move.	program?	program?	a problem?	How do
						computers
	Computers follow	How can I start	What actions can a	What actions can a	How do I break	complete sums?
שָׁ	instructions in	instructions?	program do?	program do?	down a problem?	
Science	order.					How does the
<u></u>		How can I change	How to you make	How do scale	What steps might I	computer create
<u>-</u>	They follow them	how things move?	a program repeat	factors work?	take?	and output?
7	exactly.	2code:	and instruction?			
	Jam sandwich	Haunted house	What is a timer?	How to you make	2maze	2code
<u>a</u>	Beebots	Snail Race		a program repeat	2code:	Coding principles
Computer		Vechiles	When does a	and instruction?	Splatty bug	
2	How do you give		timer start?	What is a timer?	Helicopter swipe	How do simple
	a clear	How do you make			game	algorithms work?
	instruction?	a program	How do I use an	When does a timer	Catching game	What is an
o,	What is an	interact?	"every" timer?	start?	Football game	algorithm?
	instruction?	2code:				

	Guard the castle	How can I	How do I use an		What is it asking
How do	Princess and the	sequence a code?	"every" timer?	How do simple	the computer to
instructions start?	frog	What is a timer?		algorithms work?	do?
2maze:			How can I	What is an	
turtle	How do you	When does a	sequence a code?	algorithm?	How to computers
Beebots	debug a program?	timer start?	What is a timer?		control and create
	What is a bug?			What is it asking	input and
		How can I	I can use "if then"	the computer to	outputs?
How do you	How can I edit	sequence code?	codes.	do?	How does the
create a simple	code?				computer do
program?		How do I use and	When does a timer	How to computers	multiple things?
	How can you	after timer?	start?	control and create	
Making things	predict what a	2code:		input and	How do the
move.	program will do?	Ticktok clock	How can I	outputs?	programs talk to
2code:	What does code	Magican	sequence code?	How does the	each other?
Fun with fish	say?			computer do	2maze
Bubbles			How do I use and	multiple things?	2code:
Air traffic control	How do I read		after timer?		Splatty bug
	code.			How do the	Helicopter swipe
				programs talk to	game
			2code	each other?	Catching game
			Superheroes		Football game
			Shapes	2code:	Free code
			Guard the castle 2	Fireworks	
			Random wizard	Genie	
			Traffic lights	Free code	
			Vechicles 2		
			Switching		
			backgrounds		
			Day and night		

	How do you store	How do you	How do you use a	How do you use a	How do you	How do you
	digital content?	create digital	range of programs	range of programs	combine	combine
	How do you save	content?	to create content?	to create content?	programs to	programs to
	a document?	What is	How do you use	How do I use word	create content?	create content?
		PowerPoint?	word to make a	and PowerPoint?	How do I use word	How do I use
	What does saving		document?		and excel?	Microsoft team's
	mean?	How is		How do I use		documents?
		PowerPoint used?	How do you use	excel?	How do I use	
	How do you		PowerPoint?		windows media	How do I use
	retrieve digital	What is Excel?		To design content	player?	publisher?
	content?			for a specific		
	How do I open a	What is Excel used	To design content	purpose?	How do I use	To design content
	document?	fot?	for a specific	How do I use the	PowerPoint?	for a specific
			purpose.	sum function in		purpose.
	How do I find my	How do you	How do I make a	excel? =sum(_, _)	To design content	How do I create a
	documents?	organise digital	document fit for		for a specific	pleasing design?
		content?	purpose?	How do I use	purpose.	
	How do you	How do I save in		multiply function	How do create a	How do I work on
	create digital	my own file?	How do you	in excel? =_ *_	video?	documents
<b>&gt;</b>	content?		change the look of			together?
Literacy	How do you make	How do I access	a document?	How do I use	How do I edit a	
ற	a new document?	work on team's		conditional	video?	How do you
l a		files?	How do you create	formatting in		analyse and
<u>ئ.</u>	How do you type		slides for a	excel?	How do I plan and	evaluate content?
	on a document?	How do you	presentation on		create a	What makes good
<u></u>		manipulate digital	PowerPoint using	How do you	presentation?	content?
۲	Microsoft word	content?	animations?	collect and show		
Digital				data?	How do I deliver a	How do I check for
		How do you take		How can I make a	presentation?	good content?
		photos?		table in Excel?		

	How do you		How do you	How can I improve
How can you use	collect and show	How can I make a	analyse content?	my content?
photo?	data?	bar chart or graph	What makes	
GFL stop		in excel?	content fit for	
animation			purpose?	
			How do I check my	
			content?	

<b>9</b> H	How is ICT used	/	What are output	How do I use input	What is the www?	What is the www?
	outside of school?		and input	devices?	When and where	When and where
<b>                                     </b>	What might I Use		devices?	How can we use a	was the world	was the world
and World wide	CT for at home?		What is an input device?	camera?	wide web created?	wide web created?
<b>.</b> =	How can we use			How can we input	what is a domain	what is a domain
3 10	CT in lessons?		How are input	data using other	name?	name?
7			devices used?	devices?		
=   v	What things use a				What is an address	What is an address
<b>5</b> c	computer to		What is an output	What is a search	and how does it	and how does it
<b>S</b> c	control them?		device?	engine?	work?	work?
>				What search		
<b>D</b>			How do you use a	engines are there?	How can you	How can you
$\subseteq$			output device?		communicate	communicate
				what is the job of a	online?	online?
networks				search engine?	How can we	How can we
Ž					communicate	communicate
0				How do search	online?	online?
				engines make		
<b>1</b>				links?	What programs	What programs
٦					are available to	are available to
				How do you use	communicate with	communicate with
Ş				search engines	others?	others?
ā				effectively?		
Ť				What is a key word	How can you	How can you
2				search?	collaborate	collaborate
7					online?	online?
				How to I find	How are we able	How are we able
Computers,				information?	to work with	to work with

		How do I know	someone else	someone else
		which links to	online?	online?
			onliner	onliner
		open after my		
		search?	How does teams	How does teams
			allow us to work	allow us to work
			with others?	with others?
			How do shared	How do shared
			projects work?	projects work?
			. ,	. ,
				How do search
				engines work?
				what is the job of
				a search engine?
				a scarcif eligine:
				How do search
				engines make
				links?
				How can I evaluate
				the content of a
				search engine?
				What is fake
				news?
				How do you know
				if you can trust a
				source?
				Jource:

Please see suggested half termly topics for half termly online safety lesson L.O.s

Online Safety	How do you keep personal information	How do you keep personal information	How to be respectful online? How does being	How to be respectful online? What strategies	How to be respectful online?	How to be respectful online?
Salety	<ul><li>private?</li><li>What information</li><li>do I need to keep</li></ul>	private? What information do I need to keep	online effect my relationships?	can be used to be respectful when online in social	How to use online responsibly? How do you know	How to use online responsibly? How do you know
	private?	private?	How do I know what to share	environments?	who owns the content?	who owns the content?
	What is an account?	What is an account?	about myself and others?	How do people change online?	What is acceptable /	How do you know what content to
	What is an avatar and how does it	What is an avatar and how does it	What work am I allowed to share	How to use online responsibly?	unacceptable behaviour?	trust?
	keep me safe? Purple mash	keep me safe?	online and why?	How can using technology be a	What information should be posted	What is acceptable /
	Where do I go if I	Where do I go if I need help online?	How to use online responsibly?	distraction from other things?	about others?	unacceptable behaviour?
	need help online? What problems might I have online?	What problems might I have online?	How long should we spend online?  How does being	what strategies can be put in place to limit time	What type of language should be us online?	What information should be posted about others?
	How can I report a problem?	What places online might be risky?	online effect my physical and mental health?	online? Why might these be needed?	How do I report content? How do you know	What type of language should be us online?
	Who can I talk to about online	How can I report a problem?	What are age restrictions and	How do you know who owns the content?	who owns the content?	How do I report content?
	safety? What makes a responsible adult?		why are they needed?			How do you know who owns the content?

Who can I talk to	How do you know	
about online	what content to	
safety?	trust?	
What makes a		
responsible adult?	What is	
	acceptable /	
	unacceptable	
	behaviour?	
	What information	
	should be posted	
	about others?	
	What type of	
	language should	
	be us online?	