

		Yea	ar 3					Yea	ar 4					Ye	ar 5				Year 6						
A1	A2	S1	S2	Su1	Su2	A1	A2	S1	S2	Su1	Su2	A1	A2	S1	S2	Su	L Su2	A1	A:	2 S1	S2	Su1	Su2		
<mark>O</mark> i	nline S	afety	Digita	Litera	асу	Online Safety Digital Literacy						Or	ıline S	afety	Digita	al Lite	racy		Online Safety Digital Literacy						
ı	I can create and choose an						I can explain how to protect myself					I ca	n ider	ntify p	eople	to spe	eak to	I ca	I can recognise how to protect my						
app	propri	ate pas	sword	l and k	eep	from online phishing and recognise						about things that upset me online.						dig	digital footprint and where to go						
		this	safe.				my	digital	footp	rint.								for	help.						
												I car	ո iden	tify w	hat is a	appro	priate								
I	can u	ndersta	and th	at som	ie	I cai	n ident	ify risk	s and	benefi	its of	and i	nappı	opriat	te info	rmati	on and	I ca	an un	derstan	d how v	vhat I	share		
info	ormati	ion in t	he int	ernet i	may	inst	alling s	oftwa	re ont	o a de	vice.	me	edia to	shar	e onlir	ne and	the		imp	acts my	self and	other	S		
		not b	e true.										ii	npact	of the	ese.		i	including the consequences of						
						I car	•			n and k	know							pr	promoting inappropriate content						
		derstar		•		the difference between						I can cite all sources when							online.						
cybe	erbully	ing an	d deal	with t	his in	researching and copying.						resea	researching and use techniques to												
	tl	he corr	ect wa	ay.									ind	crease	reliab	ility.									
						I can recognise and take ownership												I can take ownership of how I use							
Tou	ch Typ	oing Co	omput	ter Sci	ence	of healthy screen-time.					I can understand the advantages and disadvantages of different					my free time and have a balanced,									
												1			•				h	ealthy s	creen-t	ime.			
l can		rstand			t keys	<b>Hardware Investigators</b>						forms of communication and when													
	(	on a ke	yboar	d.							_	it	is app	ropria	ate to	use e	ach.				_				
						l car	name			nt parts	s of a									Net	works				
l can		wo har			etters	computer						Concept Maps						Ι.				1.66			
	(	on a ke	yboar	d.																ndersta					
						I can understand the functions of						I can understand concept maps						between the World Wide Web and							
						different parts of a computer.					and the importance of recording					the internet.									
														tnese	visual	Iy.		Ι.		.11					
												1						I can understand and explain my							
												I can create a basic concept map.					school network.								
												L													



																			I ca			nd exp ners-L	olain ab	out	
A	1	A2	S1	S2	Su1	Su2	A1	A2	S1	S2	Su1	Su2	A1	A2	S1	S2	Su1	Su2	A1	A2	S1	S2	Su1	Su2	
	-	, <u>, , _</u>		ding	1 341	1 342	7(1	, <u>, , _</u>		ding	1 341	_ 3a2	711	<u>, , ,</u>	Coc		341	342	711	, <u>, , _</u>		ding	341	502	
				<del></del>																					
	I ca			ı algor a varia	ithm t	hat	l ca			algorit button		sing			•		ode to r						unders hen co		
		IIIC	iuues	a valle	ibie.			11,	/eise i	button	15.		illy þi	Ugia		gilloi	e effici	ent.	vviiy	uiese	are us	eiui w	nen co	uilig.	
10	can	expla	in hov	v a co	mman	d can	I can explain what a variable is and						I can create an algorithm after						I can follow flowcharts to create						
			be rep	peated			change this where necessary.					decomposing a simulation.					and debug code.								
	l ca	an del	bug si	mple i	orogra	ms	I can create an algorithm						l can create a program					I can plan a program before coding							
			Ü		Ü		modelling on a simple game.						representing a physical system.					and foresee the variables required to achieve the chosen effect.							
												I can set and change variables					to achieve the chosen effect.								
													appropriately.												
A	1	A2	<mark>S1</mark>	S2	Su1	Su2	A1	A2	<mark>S1</mark>	S2	Su1	Su2	A1	A2	<mark>S1</mark>	S2	Su1	Su2	A1	A2	<mark>S1</mark>	S2	Su1	Su2	
			Spread	dsheet	t <mark>s</mark>		<b>Spreadsheets</b>						<b>Spreadsheets</b>					Spreadsheets							
	I can create a pie chart and bar						I can use a formula in my						I can create a formula to convert					I can use a spreadsheet to							
	chart from a spreadsheet.						spreadsheet.						measurements in a spreadsheet.					complete basic calculation							
													•						formulae.						
	I can compare numbers to work out solutions to calculations.						I can create a line graph using data						I can create formulae that uses different variables.						Lean recognice have a formula						
	out solutions to calculations.						from a spreadsheet.						unierent variables.					I can recognise how a formula allows data to change							
Ιc	I can describe the location of a cell.																			automatically.					



	I can use a spreadsheet to budget	I can use a spreadsheet to model a						
Graphing	an event.	real-life situation.	I can use a spreadsheet to model a situation.					
I can produce and share graphs made on a computer.  I can solve a maths investigation using graphs.			I can use spreadsheets to organise data and understand what a delimiter is. I can incorporate formulae of					
I can present my results in a range of graphical formats.			calculations into my spreadsheets.					
A1 A2 S1 S2 Su1 Su2	A1 A2 S1 S2 Su1 Su2	A1 A2 S1 <mark>S2</mark> Su1 Su2	A1 A2 S1 S2 Su1 Su2					
Email I can open and respond to an email. I can be safe using an email. I can attach work to an email.	I can use the onion skin tool to create an animation.  I can create an idea for a stop motion animation.  Logo  I can follow simple instructions to create shapes.  I can write and use the repeat function of logo instructions to draw shapes.	Databases I can search a database to answer questions. I can create a database.	I can explain how all data in a computer is saved in the computer memory in binary format.  I can convert numbers to binary using the division by two method.					



						I can make predictions.																			
A2	S1	S2	<mark>Su1</mark>	Su2	A1	A2	S1	S2	Su1	Su2	A1	A2	S1	S2	Su1	Su2	A1	A2	S1	S2	<mark>Su1</mark>	Su2			
Presenting						Writing for different audiences							Word processing						Quizzing I can understand different types of						
in make	•		ion fro	om a		aterial	where	e the f	onts a		l Ca	an crea		•	rocess	sing	·								
					I cai					io to	l			•			i can	style of questions.							
					produce appropriate writing depending on the audience.						permitted to use. <mark>Game Creator</mark>						Blogging								
						Effective searching						I can analyse and review a					I can create a blog with a specific								
_	•			g yes	I can use a search engine to locate specific information.											I understand that the way in which									
n create	a bra	nchin	g datal	oase.	I can analyse what I have read to					I can change the sounds and					information is presented has an impact upon the audience.										
					assess whether the information is true or reliable.					visuals to male a game more unique.						I can assess the effectiveness and									
A2	S1	S2	Su1	Su2	A1	A2	S1	S2	Su1	<mark>Su2</mark>	A1	A2	S1	S2	Su1	Su2	A1	A2	S1	S2	Su1	Su2			
<u>Simulations</u>						Making music						Modelling					Text adventures								
I can give advantages and disadvantages of simulations. I can make predictions using						I can create a simple melodic pattern.						I can edit the polygon 3D models to design a 3D model for a purpose.					I can use coding concepts of functions, two-way selection (if/else statements) and repetition								
	Bran n gener o n create  I can gi isadvan can ma	Present Presen	Presenting  an make a presentate blank page.  I can add variable presentation  Branching databen generate question or no answers or no answers or no create a branching to the composite of the c	Presenting  an make a presentation from blank page.  I can add variables to a presentation.  Branching databases.  In generate questions using or no answers.  In create a branching datalance of simulations  I can give advantages and isadvantages of simulations	Presenting  an make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  In generate questions using yes or no answers.  In create a branching database.  A2 S1 S2 Su1 Su2 Simulations  I can give advantages and isadvantages of simulations. can make predictions using	Presenting  In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  In generate questions using yes or no answers.  I can an create a branching database.  I can asse  A2 S1 S2 Su1 Su2 A1  Simulations  I can give advantages and isadvantages of simulations. can make predictions using	Presenting  In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  I generate questions using yes or no answers.  I can use a special specia	Presenting  In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  Branching databases.  I can use a simul produce approdepending on answers.  I can use a search specific information or no answers.  I can use a search specific information or no answers.  I can use a search specific information or no answers.  I can use a search specific information or no answers.  I can analyse whassess whether to true or no answers or no answers.  I can give advantages and isadvantages of simulations. can make predictions using	Presenting  In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  I generate questions using yes or no answers.  In create a branching database.  A2 S1 S2 Su1 Su2 A1 A2 S1 S2  Simulations  I can discuss a variety material where the fappropriate.  I can use a simulated sproduce appropriate depending on the automaterial where the fappropriate.  I can use a simulated sproduce appropriate depending on the automaterial where the fappropriate.  I can use a search enging specific information assess whether the information true or reliable.  I can analyse what I happed assess whether the information true or reliable.  I can give advantages and isadvantages of simulations. can make predictions using	Presenting  In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  Branching databases.  In generate questions using yes or no answers.  In create a branching database.  I can use a simulated scenari produce appropriate writing depending on the audience specific information.  I can use a search engine to log specific information.  I can analyse what I have real assess whether the informating true or reliable.  A2 S1 S2 Su1 Su2 A1 A2 S1 S2 Su1  Simulations  I can create a simple melocity and pattern.  I can create a simple melocity and pattern.	Presenting  In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  Branching databases.  I can use a simulated scenario to produce appropriate writing depending on the audience.  Effective searching  I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  A2 S1 S2 Su1 Su2 A1 A2 S1 S2 Su1 Su2 Simulations  I can create a simple melodic pattern.	Presenting  In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  Branching databases.  I can use a simulated scenario to produce appropriate writing depending on the audience.  I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  I can give advantages and isadvantages of simulations. can make predictions using worth and is advantages of simulations.  I can create a simple melodic pattern.  I can create a simple melodic pattern.	Presenting  In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  I can use a simulated scenario to produce appropriate writing depending on the audience.  I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  I can give advantages and isadvantages of simulations.  I can create a simple melodic pattern.  I can edit to design to different audiences.  Writing for different audiences  Writing for different audiences  Writing for different audiences  U can discuss a variety of written material where the fonts are appropriate.  I can use a simulated scenario to produce appropriate writing depending on the audience.  I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  I can chang visuals to munique.  I can give advantages and isadvantages of simulations.  Can make predictions using	A2 S1 S2 Su1 Su2 A1 A2 S1 S2 Su1 Su2 A1 A2 S1  Presenting In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  Branching databases.  I can use a simulated scenario to produce appropriate writing depending on the audience.  Effective searching I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  A2 S1 S2 Su1 Su2 A1 A2 S1 S2 Su1 Su2 A1 A2 S1  Simulations  I can create a word produce available of written material where the fonts are appropriate.  I can use a simulated scenario to produce appropriate writing depending on the audience.  I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  I can change the simulations wising music  I can edit the potential of the pot	Presenting  Mriting for different audiences  I can discuss a variety of written material where the fonts are appropriate.  I can add variables to a presentation.  Branching databases.  Branching databases.  I can use a simulated scenario to produce appropriate writing depending on the audience.  Effective searching  I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  A2 S1 S2 Su1 Su2 Su1 Su2 A1 A2 S1 S2 Su1 Su2 A1 A2 S1 S2  Simulations  I can create a word p document.  I can use a ppropriate writing depending on the audience.  I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  Making music  I can edit the polygon to design a 3D modelling and the purpose.	A2 S1 S2 Su1 Su2 A1 A2 S1 S2 Su1 Writing for different audiences  I can discuss a variety of written material where the fonts are appropriate.  I can add variables to a presentation.  Branching databases.  Branching databases.  I can use a simulated scenario to produce appropriate writing depending on the audience.  I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  A2 S1 S2 Su1 Su2 A1 A2 S1 S2 Su1  Simulations  I can create a simple melodic pattern.  I can edit the polygon 3D model for purpose.	Presenting In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases. In generate questions using yes or no answers. In create a branching database. I can analyse what I have read to assess whether the information is true or reliable.  I can give advantages and isadvantages of simulations. can make predictions using 9 Can make predictions 9 Can make	Presenting In make a presentation from a blank page.  I can discuss a variety of written material where the fonts are appropriate.  I can add variables to a presentation.  Branching databases.  Branching databases.  I can use a simulated scenario to produce appropriate writing depending on the audience.  I can analyse what I have read to assess whether the information is true or reliable.  I can analyse advantages and isadvantages of simulations.  A2 S1 S2 Su1 Su2 A1 A2 S1 S2 Su1 Su2 A1 A2 S1 S2 Su1 Su2 A1 A2 S1 Su1 Su2 Su3	Presenting In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases. I can use a simulated scenario to produce appropriate writing depending on the audience.  I can use a search engine to locate specific information.  I can analyse what I have read to assess whether the information is true or reliable.  I can create a branching database.  I can analyse what I have read to assess whether the information is true or reliable.  I can give advantages and isadvantages of simulations. can make predictions using  I can create a simple melodic pattern.  I can edit the polygon 3D models is to design a 3D model for a purpose.  Word processing I can unde  Word processing I can unde I can create a word processing document.  I can use a spropriate texts and images and know which ones are permitted to use. Game Creator  I can analyse and review a computer game. I can change the sounds and visuals to male a game more unique.  I can assess whether the information is true or reliable.  I can edit the polygon 3D models to design a 3D model for a purpose.  I can use a simulations.  I can create a simple melodic pattern.	Presenting and make a presentation from a blank page.  I can add variables to a presentation.  Branching databases.  I can use a simulated scenario to produce appropriate writing depending on the audience.  I can analyse what I have read to assess whether the information is true or reliable.  I can give advantages and simulations. can make predictions using value.  I can create a bull to a purpose.  Word processing  I can create a word processing document.  I can create a word processing document.  I can use a simulated scenario to produce appropriate writing depending on the audience.  Effective searching  I can use a search engine to locate specific information.  I can analyse and review a computer game.  I can design a computer game.  I can create a blinderstand and visuals to male a game more unique.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of computer game.  I can create a blinderstand from the style of compu	Presenting In make a presentation from a blank page.  I can discuss a variety of written material where the fonts are appropriate.  I can add variables to a presentation.  Branching databases. In generate questions using yes or no answers. In create a branching database. I can analyse what I have read to assess whether the information is true or reliable.  I can give advantages and isadvantages of simulations. can make predictions using	Presenting In make a presentation from a blank page.  I can add variables to a presentation.  Branching databases. In generate questions using yes or no answers. In create a branching database. I can analyse what I have read to assess whether the information is true or reliable.  I can give advantages and single advantages of simulations.  A2 S1 S2 Su1 Su2 A1 A2 S1 S2 Su1 Su2 Su1 Su2 A1 A2 S1 S2 Su1 Su2 Su1 Su2 Su1 Su2 Su3 Su3 Su2 Su3 Su3 Su2 Su3 Su3 Su3 Su4 A1 A2 S1 S2 Su1 Su3 Su3 Su4 A1 A2 S1 S2 Su1 Su3 Su3 Su3 Su3 Su4 A1 A2 S1 S2 Su1 Su3 Su3 Su3 Su4 A1 A2 S1 S2 Su1 Su3 Su3 Su3 Su5 Su3 Su5			



	I can explore and understand how	I can create a 2D net to build a 3D	in conjunction with one another to
I can evaluate a simulation.	music is created.	model.	code my game.
			I can debug my game.

Purple Mash Units

Google Classroom units