

England



Supporting the National Curriculum  
2014 with Purple Mash

Computing

# Key Stage 1

National Curriculum Statement	Purple Mash Resource	Direct link to resource	Link to Planning and Resources	
Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.	<b>2Go</b> (Write Simple Instructions)	<a href="#">2Go</a>	<a href="#">2Go Challenges</a>	
	<b>2Logo</b> (Controlling An Object Using Commands)	<a href="#">2Logo</a>	<a href="https://www.purplemash.com/#app/guides/2Logo_Guide">https://www.purplemash.com/#app/guides/2Logo_Guide</a>	
	<b>2Code –</b> (Coding)			<a href="#">2Code Plans and Resources</a>
			<a href="#">Free Code Chimp</a>	<a href="#">2Code Teacher Guide</a>
			<a href="#">Chimp Guided Lessons (approx. Y1-Y4)</a>	<a href="#">Scheme of Work using free code</a>
	<a href="#">Debug Challenges Chimp (approx. Y1-Y4)</a>	<a href="#">2Code Guided Lessons: Objectives</a>		
Create and debug simple programs	<b>2Code –</b> (Coding)		<a href="#">2Code Plans and Resources</a>	
			<a href="#">2Code Teacher Guide</a>	
		<a href="#">Free Code Chimp</a>	<a href="#">Scheme of Work using free code</a>	
		<a href="#">Chimp Guided Lessons (approx. Y1-Y4)</a>	<a href="#">2Code Guided Lessons: Objectives</a>	
	<a href="#">Debug Challenges Chimp (approx. Y1-Y4)</a>			
Use logical reasoning to predict the behaviour of simple programs.	<b>2Go</b> (Write Simple Instructions)	<a href="#">2Go</a>	<a href="#">2Go Challenges</a>	
	<b>2Logo</b> (Controlling An Object Using Commands)	<a href="#">2Logo</a>	<a href="https://www.purplemash.com/#app/guides/2Logo_Guide">https://www.purplemash.com/#app/guides/2Logo_Guide</a>	



Need more support? **Contact us**

Tel: 0208 203 1781 | Email: [suport@2simple.com](mailto:suport@2simple.com) | Twitter: [@2simplesoftware](https://twitter.com/2simplesoftware)

	<b>2Code –</b> (Coding)		<a href="#">2Code Plans and Resources</a>
			<a href="#">2Code Teacher Guide</a>
		<a href="#">Free Code Chimp</a>	<a href="#">Scheme of Work using free code</a>
		<a href="#">Chimp Guided Lessons (approx. Y1-Y4)</a>	<a href="#">2Code Guided Lessons: Objectives</a>
		<a href="#">Debug Challenges Chimp (approx. Y1-Y4)</a>	
<b>Use technology purposefully to create, organise, store, manipulate and retrieve digital content</b>	<b>2Paint</b> (Painting Program)	<a href="#">2Paint</a>	<a href="#">2Paint User Guide</a>
	<b>2Publish</b> (Publishing Templates)	<a href="#">2Publish</a>	<a href="#">Publishing Tools Guide</a>
	<b>2Sequence</b> (Music Creation)	<a href="#">2Sequence</a>	
	<b>2Animate</b> (Animation)	<a href="#">2Animate</a>	<a href="#">2Animate Guide</a>
	<b>2Create A Story</b> (Animated Stories)	<a href="#">2CreateAStory</a>	<a href="#">2Create a Story Guide</a>
	<b>2Calculate</b> (Spreadsheet)	<a href="#">2Calculate</a>	<a href="#">2Calculate User Guide - Start here</a>  <a href="#">Resources including a Scheme of Work for Spreadsheets</a>
	<b>2Count</b> (Pictograms)	<a href="#">2Count</a>	<a href="#">2Count Guide</a>
	<b>2DIY</b> (Make your own games and quizzes)	<a href="#">2DIY</a>	<a href="https://www.purplemash.com/#tab/teachers/guides_and_resources/2diy_2quiz_resources">https://www.purplemash.com/#tab/teachers/guides_and_resources/2diy_2quiz_resources</a>
	<b>Mashcams</b> (Use your webcam to make topic themed images – combine with text)	<a href="#">Purple Mashcams</a>	<a href="#">Publishing Tools Guide</a>

	Various	Various, including topic based activities found in <a href="#">the Topic area</a> .	All creative tools and writing frames allow the user to create, store, manipulate and retrieve digital content.
--	---------	---	---

National Curriculum Statement	Purple Mash Resource	Direct link to resource	Link to Planning and Resources
<b>Recognise common uses of information technology beyond school</b>	Topic based projects	<a href="#">Technology outside school activity</a>	
	<b>2Calculate</b> Spreadsheet Scheme of Work models applications of technology to solving 'real world' problems	<a href="#">2Calculate</a>	<a href="#">2Calculate User Guide - Start here</a>  <a href="#">Resources including a Scheme of Work for Spreadsheets</a>
	<b>2Count, 2Graph, 2Question, 2Investigate</b> Simple programs for collecting and presenting 'real life' data	<a href="#">2Count</a> <a href="#">2Graph</a> <a href="#">2Question</a> <a href="#">2Investigate</a>	<a href="#">2Count Guide</a> <a href="#">2Graph Guide</a> <a href="#">2Question Guide</a> <a href="#">2Investigate Teachers Guide</a> <a href="#">Lesson Plans and printable resources for 2Investigate</a>
<b>Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.</b>	Internet Safety Activities	<a href="#">Computing Topic Resources - online safety section</a>	<a href="#">Teachers Guide to Purple Mash and online safety</a> Many of these activities provide introductory videos to start discussion. Most of these resources have 'Think about' boxes to promote class discussion and provide writing prompts. They also include relevant clipart.



Need more support? **Contact us**

Tel: 0208 203 1781 | Email: [suport@2simple.com](mailto:suport@2simple.com) | Twitter: [@2simplesoftware](https://twitter.com/2simplesoftware)

# Key Stage 2

National Curriculum Statement	Purple Mash Resource	Direct link to resource	Link to Planning and Resources
Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.	2Code – (Coding)		<a href="#">2Code Plans and Resources</a>
			<a href="#">2Code Teacher Guide</a>
		<a href="#">Free Code Gibbon</a> <a href="#">Free Code Gorilla</a>	<a href="#">Scheme of Work using free code</a>
		<a href="#">Gibbon Guided Lessons (approx. Y3-Y5)</a> <a href="#">Gorilla Guided Lessons (approx. Y4-Y6)</a>	<a href="#">2Code Guided Lessons: Objectives</a>
		<a href="#">Debug Challenges Gibbon (approx. Y3-Y5)</a> <a href="#">Debug Challenges Gorilla (approx. Y4-Y6)</a>	
	2Logo	<a href="#">2Logo</a>	<a href="https://www.purplemash.com/#app/guides/2Logo_Guide">https://www.purplemash.com/#app/guides/2Logo_Guide</a>
2Chart (flowcharts)	<a href="#">2Chart</a>	<a href="https://www.purplemash.com/#app/guides/2Chart_Guide">https://www.purplemash.com/#app/guides/2Chart_Guide</a>	
Use sequence, selection and repetition in programs; work with variables and various forms of input and output.	2Code – (Coding)		<a href="#">2Code Plans and Resources</a>
			<a href="#">2Code Teacher Guide</a>
		<a href="#">Free Code Gibbon</a> <a href="#">Free Code Gorilla</a>	<a href="#">Scheme of Work using free code</a>
		<a href="#">Gibbon Guided Lessons (approx. Y3-Y5)</a> <a href="#">Gorilla Guided Lessons (approx. Y4-Y6)</a>	<a href="#">2Code Guided Lessons: Objectives</a>
		<a href="#">Debug Challenges Gibbon (approx. Y3-Y5)</a> <a href="#">Debug Challenges Gorilla (approx. Y4-Y6)</a>	
	2Logo (Controlling an Object Using Commands)	<a href="#">2Logo</a>	<a href="https://www.purplemash.com/#app/guides/2Logo_Guide">https://www.purplemash.com/#app/guides/2Logo_Guide</a>



Need more support? **Contact us**

Tel: 0208 203 1781 | Email: [suport@2simple.com](mailto:suport@2simple.com) | Twitter: [@2simplesoftware](https://twitter.com/2simplesoftware)

	<b>2DIY</b> (Allows the user to sequence events)	<a href="#">2DIY</a>	<a href="https://www.purplemash.com/#tab/teachers/guides_and_resources/2diy_2quiz_resources">https://www.purplemash.com/#tab/teachers/guides_and_resources/2diy_2quiz_resources</a>
	<b>2Chart (flowcharts)</b>	<a href="#">2Chart</a>	<a href="https://www.purplemash.com/#app/guides/2Chart_Guide">https://www.purplemash.com/#app/guides/2Chart_Guide</a>
<b>National Curriculum Statement</b>	<b>Purple Mash Resource</b>	<b>Direct link to resource</b>	<b>Link to Planning and Resources</b>
<b>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</b>	<b>2Code –</b> (Coding)		<a href="#">2Code Plans and Resources</a>
			<a href="#">2Code Teacher Guide</a>
		<a href="#">Free Code Chimp (approx. Y1-Y4)</a>	<a href="#">Scheme of Work using free code</a>
		<a href="#">Chimp Guided Lessons (approx. Y1-Y4)</a>	<a href="#">2Code Guided Lessons: Objectives</a>
		<a href="#">Debug Challenges Chimp (approx. Y1-Y4)</a>	
	<b>2Logo</b> (Controlling An Object Using Commands)	<a href="#">2Logo</a>	<a href="https://www.purplemash.com/#app/guides/2Logo_Guide">https://www.purplemash.com/#app/guides/2Logo_Guide</a>
<b>2Chart (flowcharts)</b>	<a href="#">2Chart</a>	<a href="https://www.purplemash.com/#app/guides/2Chart_Guide">https://www.purplemash.com/#app/guides/2Chart_Guide</a>	
<b>Understand computer networks including the Internet; how they can provide multiple services, such as the world-wide web; and the opportunities they offer for communication and collaboration.</b>	Topic based resources	Specifically <a href="#">Computer Networks Game</a> <a href="#">Computer Networks Labelling</a> Also <a href="#">Computing Topic Resources</a>	
	<b>2Email</b> Emailing, especially use of 2Respond Creator (see guide) to create simulations for children to respond to.	<a href="#">2Email</a>	<a href="#">2Email Guide</a>
	<b>2Blog</b> Blogging and commenting on blog posts within a safe environment	<a href="#">2Blog</a>	<a href="https://www.purplemash.com/#app/guides/2Blog_pdf_Guide">https://www.purplemash.com/#app/guides/2Blog_pdf_Guide</a>



Need more support? **Contact us**

Tel: 0208 203 1781 | Email: [suport@2simple.com](mailto:suport@2simple.com) | Twitter: [@2simplesoftware](https://twitter.com/2simplesoftware)

	<b>Real-time Collaborative tools in Purple Mash:</b> 2Connect 2Write 2Race	<a href="#">2Connect</a> <a href="#">2Write</a> <a href="#">2Race</a>	<a href="https://www.purplemash.com/#app/guides/2Connect_Guide">https://www.purplemash.com/#app/guides/2Connect_Guide</a> <a href="https://www.purplemash.com/#app/guides/2Race">https://www.purplemash.com/#app/guides/2Race</a>
<b>National Curriculum Statement</b>	<b>Purple Mash Resource</b>	<b>Direct link to resource</b>	<b>Link to Planning and Resources</b>
<b>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</b>	Searching for Images  Internet Research  Seeing an Upsetting Video - advice  Effective Searching  General Internet resources	<a href="#">Searching for images</a>  <a href="#">Internet Research</a>  <a href="#">Upsetting video advice</a>  <a href="#">Searching the Internet</a>  <a href="#">Computing Topic</a>	Many of these activities provide introductory videos to start discussion. Most of these resources have 'Think about' boxes to promote class discussion and provide writing prompts. They also include relevant clipart.
<b>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</b>	<b>2Publish Plus</b> (Publishing Templates)	<a href="#">2Publish Plus</a>	<a href="#">Publishing Tools Guide</a>
	<b>2Calculate</b> (Spreadsheet)	<a href="#">2Calculate</a>	<a href="#">2Calculate User Guide - Start here</a>  <a href="#">Resources including a Scheme of Work for Spreadsheets</a>
	<b>2Design And Make</b> (3D Modelling)	<a href="#">2Design And Make</a>	<a href="#">2Design and make Guide</a>
	<b>2DIY 3D</b> (3D Game Creation)	<a href="#">2DIY 3D Gaming</a>	<a href="#">2DIY 3D Gaming Guide</a>
	<b>Mashcams</b> (Use your webcam to make topic themed images – combine with text)	<a href="#">Purple Mashcams</a>	<a href="#">Publishing Tools Guide</a>
	<b>2Animate</b> (Animation)	<a href="#">2Animate</a>	<a href="#">2Animate Guide</a>



Need more support? **Contact us**

Tel: 0208 203 1781 | Email: [suport@2simple.com](mailto:suport@2simple.com) | Twitter: [@2simplesoftware](https://twitter.com/2simplesoftware)

	<b>2Create A Story</b> (Animated Stories)	<a href="#">2CreateAStory</a>	<a href="#">2Create a Story Guide</a>
	<b>2Graph, 2Question, 2Investigate</b> Simple programs for collecting, analysing, evaluating and presenting data and information	<a href="#">2Graph</a> <a href="#">2Question</a> <a href="#">2Investigate</a>	<a href="#">2Graph Guide</a> <a href="#">2Question Guide</a> <a href="#">2Investigate Teachers Guide</a> <a href="#">Lesson Plans and printable resources for 2Investigate</a>
	<b>2DIY</b> (Make your own games and quizzes)	<a href="#">2DIY</a>	
	Various	Various, including topic based activities found in <a href="#">the Topic area</a> .	Many tools and writing frames allow the user to accomplish given goals, including collecting, analysing, evaluating and presenting data and information.
<b>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact</b>	Internet Safety Activities	<a href="#">Computing Topic Resources - online safety section</a>	<a href="#">Teachers Guide to Purple Mash and online safety</a> Many of the activities provide introductory videos to start discussion. Most of these resources have 'Think about' boxes to promote class discussion and provide writing prompts. They also include relevant clipart.