Purple Mash Computing Scheme of Work - Overview

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Introduction

This document contains an overview of the units included in the Purple Mash Computing Scheme of Work for all year groups.

Individual year group overview documents detail the unit lessons for that year group and contain relevant curriculum maps for England, Wales, Scotland and Northern Ireland.

Year group pages also contain assessment documents for these units.

These can be found by clicking the following links or from the Purple Mash Computing Scheme of Work page.

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

To make the best use of the scheme children need to be logged onto Purple Mash with their own individual usernames and passwords so their work will be saved in their own folders automatically and can be easily reviewed and assessed by the class teacher. If children have not used and logged onto Purple Mash before then they will need to spend some time before starting these lessons, learning how to do this. Children can be supported by having their printed logon cards (produced using Create and Manage Users) to hand.

Lesson plans also make use of the facility within Purple Mash to set activities for pupils which they can then complete and hand-in online (2Dos). This enables you to assess their work easily as well as distribute resources to all pupils. If children have not opened 2Dos before then they will need more detailed instructions about how to do this. A teacher's guide to 2Dos can be found in the teacher's section: 2Dos Guide.

If you are currently using a single login per class or group and would like to set up individual logins yourself, then please see our guide to doing so at Create and Mange Users. Alternatively, please contact support at support@2simple.com or 0208 203 1781.

To force links within this document to open in a new tab, right-click on the link then select 'Open link in new tab'.

Units by Year Group

Theme Key:												
	Coding and Computational thinking		Spreadsheets		Internet and Email		Art and Design		Music		Databases and graphing		Writing and Presenting		Communication and networks

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
YEAR 1	**Unit 1.1 Online Safety & Exploring Purple Mash** **Weeks** – 4 **Programs** – Various				**Unit 1.2 Grouping & Sorting** **Weeks** – 2 **Programs** – 2DIY			**Unit 1.3 Pictograms** **Weeks** – 3 **Programs** – 2Count			**Unit 1.4 Lego Builders** **Weeks** – 3 **Programs** – 2DIY			**Unit 1.5 Maze Explorers** **Weeks** – 3 **Programs** – 2Go			**Unit 1.6 Animated Story Books** **Weeks** – 5 **Programs** – 2Create A Story				**Unit 1.7 Coding** **Weeks** – 6 **Programs** – 2Code						**Unit 1.8 Spreadsheets** **Weeks** – 3 **Programs** – 2Calculate			**Unit 1.9 Technology outside school** **Weeks** – 2 **Programs** – Various	

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
YEAR 2	**Unit 2.1 Coding** **Weeks** – 5 **Programs** – 2Code					**Unit 2.2 Online Safety** **Weeks** – 2 **Programs** – Various		**Unit 2.3 Spreadsheets** **Weeks** – 4 **Programs** – 2Calculate				**Unit 2.4 Questioning** **Weeks** – 5 **Programs** – 2Question, 2Investigate					**Unit 2.5 Effective Searching** **Weeks** – 3 **Programs** – Browser			**Unit 2.6 Creating Pictures** **Weeks** – 5 **Programs** – 2PaintAPicture					**Unit 2.7 Making Music** **Weeks** – 3 **Programs** – 2Sequence			**Unit 2.8 Presenting Ideas** **Weeks** – 4 **Programs** – Various			

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
YEAR 3	**Unit 3.1 Coding** **Number of Weeks** – 6 **Main Programs** – 2Code						**Unit 3.2 Online safety** **Weeks** – 2 **Programs** – Various		**Unit 3.3 Spreadsheets** **Weeks** – 3 **Programs** – 2Calculate			**Unit 3.4 Touch Typing** **Weeks** – 4 **Programs** – 2Type				**Unit 3.5 Email** (including email safety) **Weeks** – 6 **Programs** – 2Email, 2Connect, 2DIY						**Unit 3.6 Branching Databases** **Weeks** – 4 **Programs** – 2Question				**Unit 3.7 Simulations** **Weeks** – 3 **Programs** – 2Simulate, 2Publish			**Unit 3.8 Graphing** **Weeks** – 3 **Programs** – 2Graph		
Week	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
YEAR 4	**Unit 4.1 Coding** **Number of Weeks** – 6 **Main Programs** – 2Code						**Unit 4.2 Online safety** **Weeks** – 2 **Programs** – Various		**Unit 4.3 Spreadsheets** **Weeks** – 6 **Programs** – 2Calculate						**Unit 4.4 Writing for different audiences** **Weeks** – 5 **Programs** – 2Email, 2Connect, 2DIY						**Unit 4.5 Logo** **Weeks** – 4 **Programs** – Logo		**Unit 4.6 Animation** **Weeks** – 3 **Programs** – 2Animate		**Unit 4.7 Effective Search** **Weeks** – 3 **Programs** – Browser			**Unit 4.8 Hardware Investigators** **Weeks** – 2		
Week	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**
YEAR 5	**Unit 5.1 Coding** **Number of Weeks** – 6 **Main Programs** – 2Code						**Unit 5.2 Online safety** **Weeks** – 2 **Programs** - Various		**Unit 3.3 Spreadsheets** **Weeks** – 6 **Programs** – 2Calculate						**Unit 5.4 Databases** **Weeks** – 4 **Programs** – 2Question, 2Investigate						**Unit 5.5 Game Creator** **Weeks** – 5 **Programs** – 2DIY 3D			**Unit 5.6 3D Modelling** **Weeks** – 4 **Programs** – 2Design and Make				**Unit 5.7 Concept Maps** **Weeks** – 4 **Programs** – 2Connect		

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
YEAR 6	**Unit 6.1 Coding** **Number of Weeks** – 6 **Main Programs** – 2Code						**Unit 6.2 Online safety** **Weeks** – 2 **Programs** - Various		**Unit 6.3 Spreadsheets** **Weeks** – 5 **Programs** – 2Calculate					**Unit 6.4 Blogging** **Weeks** – 5 **Programs** – 2Blog					**Unit 6.5 Text Adventures** **Weeks** – 5 **Programs** – 2Code, 2Connect					**Unit 6.6 Networks** **Weeks** – 3			**Unit 6.7 Control** **Weeks** – 6				