

The Digital Classroom with Purple Mash



Mashing in the digital classroom: Introduction

This session is perfect for Purple Mash first-timers who are keen to get off to a flying start.

- How to search, plan and embed digital resources across the curriculum
- Overview of all tools and the curriculum resources
- Teaching and learning with Purple Mash



Make the most of Mash: Refresh

Purple Mash is constantly updated with new tools and resources. So if you don't feel like you are making the most of what's available on Purple Mash, it's probably time for an update!

- Purple Mash overview
- The latest functionality
- Questions and answers



Delivering the computing curriculum

If you want to learn about how Purple Mash can deliver the computing curriculum in your school, then this is the focus for you.

- The computing scheme of work, including planning and assessment
- E-safety resources
- Introduction to our coding resources

NB Also available for Welsh, Scottish and Northern Ireland curriculums

Introduction to coding

Whether you're looking to deliver the coding elements of the National Curriculum 2014 (England) or simply want to introduce this engaging subject in your school, 2Code can be used to teach and inspire children of all abilities.

- Planning and delivering lessons with 2Code, 2Go and Logo
- Using guided lessons
- Free code

If you are interested in developing coding skills in school, then we provide a full day or 3 x twilight sessions via our "Teaching Coding" course. This course looks at the pedagogy of teaching and learning of coding for ages 5-11.

1: Make the vehicles move
Make the vehicles move by setting their speed

2: Make the turtle controllable
Make the turtle controllable using the arrow keys.

3: Add Vehicle Collision
Add collision detection for when the turtle is hit by a vehicle.

vehicle speed = set to 5

when key ↑
turtle ↑ up

when turtle collides with Any vehicle
restart

vehicle when key
restart turtle
collision detection



Teaching in Early Years with Mini Mash

This focus will explore Mini Mash and how it can be used in an EYFS setting

- Overview of resources
- Classroom management and settings
- Create your own resources within Mini Mash

Collaborating and sharing work online

An introduction to how pupils can work together online and share what they have created

- Collaborative apps including 2Connect and 2Write
- Sharing resources including links, embed and QR codes
- Blogging for information sharing or peer assessment

Mashing with iPads

Got iPads and looking to use your mobile technology across the school, from early years to Y6

- Using iPad functionality to enhance learning
- Collaborating with your iPads
- Getting creative with iPads

Using digital resources across the curriculum

If you are looking for ideas and resources for embedding digital learning across the curriculum, then this is the focus for you.

- Finding and mapping our digital resources
- Using our apps in a variety of subject areas
- Create your own resources

Computing Lead support

If you would like a consultation session to see how you can make the most of Purple Mash and deliver the computing curriculum across the curriculum, then this could be for you.

- Administration of Purple Mash, including accounts for pupils and staff
- Planning and app use to enhance teaching across the curriculum
- Focus on your scheme of work

Strand	Objectives	Units	Assessment	Emerging	Expected	Excelling
Computer Science	Design, write and debug programs.	3.1	Exc. xc Exp	11%	52%	37%
	Use sequence, selection and repetition in programs.	3.1, 3.3	Exp. xp Em	8%	62%	40%
	Use logical reasoning to explain how some simple algorithms work.	3.1, 3.3	Exc. xp E	Emerging	Expected	Excelling

Managing and assessing work online

Add pace to your lessons by getting pupils down to tasks quickly and targeting work for their ability level

- Setting work, feedback and awarding work
- Creating differentiated resources using Teacher Tools
- Assessment and recording

Creating digital teaching resources

Want to create your own digital resources and set these for your pupils?

- Create your own games/activities with a range of Purple Mash tools
- Create your own resources from our templates or modify resources from Purple Mash
- Target your resources to individuals, groups or classes

Subject focus (bespoke)

If you are wanting to focus your digital classroom planning on a specific subject, then this bespoke focus is for you. Just let us know the subject focus and/or send us your curriculum topics. Our educational consultant will create a bespoke session.

- Finding and mapping resources
- Ideas for apps to support the subject area
- Creating your own subject specific resources with our range of tools



Pupils as digital publishers

Would you like your pupils to create and publish their work online? This could be ebooks, games, quizzes, art work, models, etc

- Create books, games or art
- Publish via links, web site, QR code or email
- Use Display Boards or Blogs for feedback

Online and onsite certified CPD

Online CPD can be delivered to staff in multiple locations and includes recording for future use. Blend your CPD with a live session and follow-up course on our Training Platform.

*The content of your session can be bespoke, discuss your requirements with the consultant delivering your CPD.



Spelling, grammar and punctuation

If you want to know how Purple Mash can support SPaG and create your own activities for your class, then this is the focus for you.

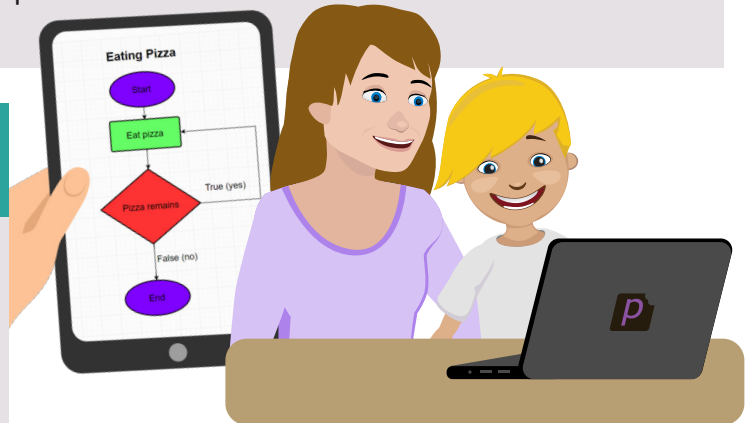
- Overview of resources and planning support
- Create your own resources with Text Toolkit and set as a 2Do
- Create your own online spelling tests with 2Quiz



Reading with Serial Mash

Support your readers with our wide range of original books and accompanying resources.

- Making the most of Serial Mash in the classroom
- Setting Serial Mash activities as 2Dos
- Creating your own resources to support comprehension



Data handling

Explore the range of resources and apps to support data handling in Purple Mash.

- Graphing with 2Count and 2Graph
- Spreadsheets with 2Calculate
- Interrogate database and build your own with 2Investigate

Parental engagement

Parents have a huge impact on a child's educational success and, as Purple Mash can be used at home, they can help greatly with homework and spontaneous creative activities away from school.

We can support you in providing Parent Workshops to help them make the most of Purple Mash at home

- Motivate and inspire work at home
- Parental involvement
- Sharing with an online audience

Teaching online safety

Explore our range of online safety resources and how to create your own

- Overview of our online safety resources and how to edit these
- Using 2Email in the classroom
- Creating your own online safety activities with 2Respond

3D design and printing*

This workshop is for staff wanting to explore how pupils can create 3D designs and output these to a 3D printer.

* If you need us to bring a 3D printer, then there will be an additional charge.

- Using Design and Make
- Ideas for classroom activities
- Exporting to a 3D printer



Area specific courses



Scotland: Teaching technologies

This focus is on meeting the requirements and objectives in the Technologies strand of the Curriculum for Excellence

- Planning across Early, First and Second level
- Key apps to engage learners
- Sharing success at school and at home



Science Award



Awarded to: John Green

Awarded for: Effort / Persistence/ Hard work

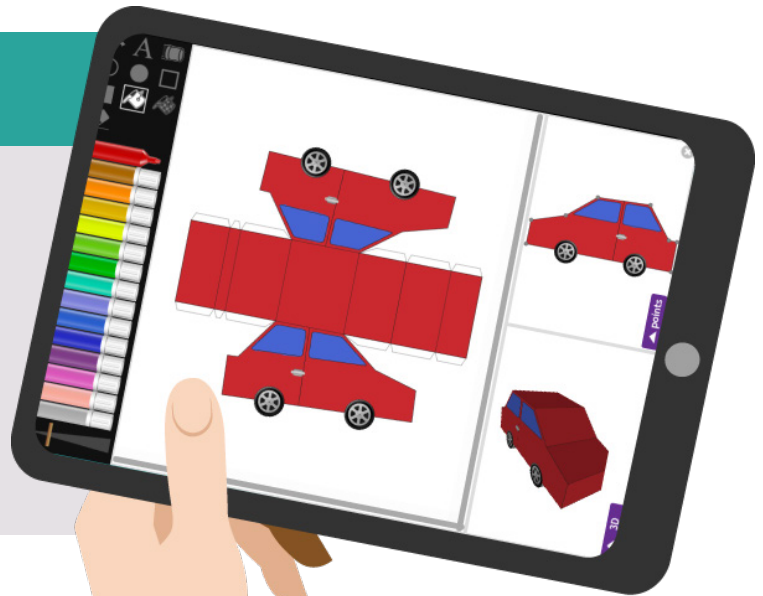
Comment Here



Scotland: Supporting the Curriculum for Excellence

An introduction as to how Purple Mash's creative tools can enhance your teaching across the curriculum.

- Planning to use ICT across the curriculum
- Creative tools for different subjects
- Managing online work



Northern Ireland: ICT across the 5E's

Deliver ICT across the curriculum with Purple Mash by engaging in meaningful and purposeful activities, set in a range of contexts. See how pupils can use ICT to handle and communicate information, solve problems, pose questions and take risks.

- Using ICT across the curriculum
- Planning to cover the 5E's
- Sharing success online

Lesson Objectives

Challenge	Objectives	Success Criteria
Fun with fish	To remove an object left and right	Move the fish this way. Move the fish left. Define a program to move the fish left and right.
Buildings	To move a square up. To rotate an object on the grid.	To make buildings move up. To rotate the clock hand to make the buildings spin.
Air Traffic Control	To make an object move on click. To make a plane challenge.	Make a plane challenge. Click a coloured plane to make it take off. Some a click to move an object.
Sign Race	To make an object move on click. To make a plane challenge.	Define a program to make a plane move.
Verbs	To make verbs move on different objects.	Make verbs move on different objects.
Turtle	To move an object forward and stop.	Make the turtle move forward and stop.

Class Record List

Class List	Challenge 1	Challenge 2	Challenge 3	Challenge 4	Challenge 5	Challenge 6	Challenge 7	Challenge 8	Challenge 9	Challenge 10
Charlie Chameleon	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Emily Appleton	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Charlotte Down	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Frederick Foster	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stacy Stacey	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Marcie Mandy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Zoezy Zeeley	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Abdul Ahmed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Liam Lee	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ashia Ahe	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓





Wales: Communication and collaboration

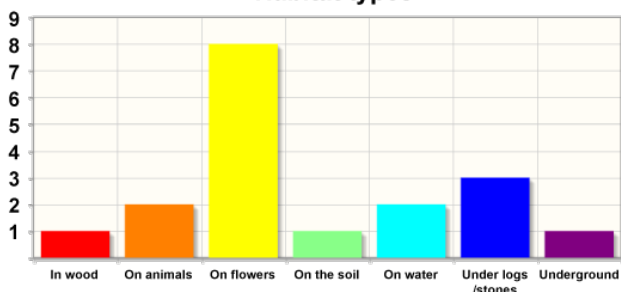
Explore and learn how Purple Mash tools can help you meet the 'Communication and Collaboration' strand of the Digital Competence Framework

Find out more about:

- 2Email and 2Blog as purpose-built tools for teaching email and blogging
- 2Connect, 2Write and 2Investigate, collaborative tools in Purple Mash
- Lesson plans and ideas that will support your teaching of this strand



Habitat types



Wales: Data and computational thinking

Explore and learn how Purple Mash tools can help you meet the 'Data and Computational Thinking' strand of the Digital Competence Framework

Find out more about:

- Data Handling tools to support teaching of spreadsheets, databases and graphing
- Computing tools to support teaching of computational thinking and Coding
- Lesson plans and ideas that will support your teaching of this strand

My blog post on Heliocentricity



Daniel Danford
20/02/2018



Mrs. Fraser

Great blog post Daniel, you chose an interesting Space topic to write about. Your research is very detailed which includes references to the contributions Ptolemy and Aristotle made. I wonder if you could find out how the Geocentric model compares to the Heliocentric model?



Macie Maslin

What an awesome post Daniel! I did my assignment on Geocentricity. Did you know people use to believe the *Earth* was the centre of the universe? Take a look at my post about it!

Archives

January 2018 (15)
December 2017 (8)
November 2017 (3)
October (12)
September (9)



Wales: Supporting the Digital Competence Framework

Explore and learn how Purple Mash tools can help you teach Digital Competence Framework

Find out more about:

- Our mapping of Purple Mash resources to the Digital Competence Framework
- A selection of tools in Purple Mash, setting tasks and assessing work
- Lesson plans and ideas that support Digital Competence across the curriculum



Wales: Producing digital content

Explore and learn how Purple Mash tools can help you meet the 'Producing' strand of the Digital Competence Framework

Find out more about:

- Using text, image and sound in Purple Mash
- Tools in Purple Mash that children can use to create multimedia projects
- Lesson plans and ideas that will support your teaching of this strand