

Computing

Year 1 - Topic: Introduction to Purple Mash



End Points:

- To login and create my own avatar on Purple Mash.
- To open an activity and then save the work to the 'My Work' area.
- To understand how to complete work in the 2Dos area in Purple Mash.

Key vocabulary:

avatar	icon
password	commenting
homepage	login
logout	save
2Do	

Computing

Year 1 - Topic: Making Beats



End Points:

- To compare music made using computers and music played by real instruments.
- To explore mixing the sounds of different instruments using the 2Beat tool.
- To compose a tune to match a picture of a scene.
- To compose a beat to match a picture of a scene.

Key vocabulary:

beat	compose
digital	musical instrument
tempo	tune

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Year 1 - Topic: Technology Around Us



End Points:

- To know what the word technology means.
- To know what technology is used in school.
- To consider the purposes of technology used in the wider world.
- To understand the safe use of technology devices.

Key vocabulary:

Device	Digital technology
Electronic	Hardware
Technology	

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Year 1 - Topic: Creative Computing



End Points:

- To use paint tools to draw a picture.
- To create a jigsaw using a digital device and share it so that others can play.
- To create a placing game in 2DIY.
- To create images and use these to make a game.

Key vocabulary:

Arrow keys	Digital Art
Drag and Drop	Hotspot
Touchscreen gestures	

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Year 1 - Topic: Programming – Moving a Robot



End Points:

- To explain what a given command will do.
- To act out a given word.
- To combine 'forwards' and 'backwards' commands to make a sequence.
- To combine four direction commands to make sequences.
- To plan a simple program.
- To find more than one solution to a program.

Key vocabulary:

Bee-Bot	Forwards
Backwards	Turn
Commands	Instructions
Directions	Route
Algorithm	Program

Computing

Year 1 - Topic: Data Explorers



End Points:

- To think carefully about the steps of grouping items.
- To group items using a computer.
- To be able to sort different items.
- To understand that data is information that can be collected and used.
- To understand that data can be shown using pictures.

Key vocabulary:

algorithm	criteria
data	sort
pictogram	group