Year 1/2 (Cycle A)

Unit Title	Introduction to PM (1) *	Creative Computing (1) *	Creating Pictures (2) *	Spreadsheets (2)	Animated Stories (1)	Coding (1)	Coding (2)
Lessons	3	4	5	6	6	6	6
	Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World						

Year 1/2 (Cycle B)

Unit Title	Introduction to PM (1) *	Route Explorers (2) *	The Internet (2) *	Data Explorers (1) *	Questioning (2)	Making Beats (1)	Creating & Following Instructions (1)	Presenting Ideas (2)	Technology Around Us (1)
Lessons	3	4	4	6	4	4	3	4	4
	Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World								

Year 1/2 Cycle A

Introduction to Purple Mash — 3 Lessons

Introduction to Purple Mash Introducing Purple Mash and the essential skills for the year 1 scheme units.

- Logging in and out of Purple Mash
- Opening and using 2Dos
- Saving work in the Work area

Creative Computing — 4 Lessons

Developing mouse skills and ICT skills using the creative 2DIY tools in Purple Mash.

- Making digital art
- Making and sharing jigsaws
- Making a drag and drop game

Creating Pictures — 5 Lessons

Using a digital art tool to create art in different traditional art styles.

- Using 2Paint a Picture templates
- Exploring the features of each template
- Compiling an online art portfolio
- Comparing digital art effects to non digital effects

Spreadsheets — 6 Lessons

Introducing spreadsheets and the way they organise data using the 2Calculate tool.

- Understanding cells and columns
- Inserting images with values
- Using totalling tools
- Creating graphs

Animated Stories — 6 Lessons

Creating and combining digital art and text to produce digital books using the 2Create a Story tool.

- Creating digital art and text
- Adding animation to images
- Adding sound

Coding — 6 Lessons

Introducing block coding using 2Code.

- Using blocks to code
- Understanding objects, actions and events
- Planning and designing a program

Coding — 6 Lessons

Developing coding skills using 2Code.

- Understanding algorithms
- Introducing sequencing
- Coding interaction between objects
- Using timers
- Debugging

Online Safety: To be delivered throughout the year using 2BeSafe

Year 1/2 Cycle

Introduction to Purple Mash
3 Lessons

Introduction to Purple Mash Introducing Purple Mash and the essential skills for the year 1 scheme units.

- Logging in and out of Purple Mash
- Opening and using 2Dos
- Saving work in the Work area

Route Explorers
4 Lessons

Coding using 2Go. Writing simple instructions to move a screen turtle along routes.

- Considering direction and distance
- Creating commands
- Building an algorithm

The Internet
4 Lessons

Understanding what the internet is.

- Defining the World Wide Web
- Recognising browsers and websites
- Connecting to the internet

Data Explorers
6 Lessons

Grouping and sorting objects. Relating this to organising and interpreting data. Using pictorial data on Purple Mash.

- Sorting and grouping quizzes
- Understanding what data is
- Representing data electronically

Questioning
4 Lessons

Investigating data, how it is collected and how it can be presented.

- Asking the right question to collect or present data
- Keeping a tally
- Using 2Count to present the data
- Using a branching database

Making Beats
4 Lessons

Introducing the concept of digital music.

- Creating sounds using 2Explore
- Combining instruments using 2Beat
- Composing digital music

Creating & Following Instructions
3 Lessons

Understanding simple algorithms through unplugged activities before moving to sequencing activities on digital devices.

- Following instructions
- Creating Instructions
- Understanding simple algorithms

Presenting Ideas
4 Lessons

Creating mind maps using 2Connect to organise and present ideas.

- Using and making mind maps
- Using a mind map as a presentation tool

Technology Around Us
4 Lessons

Defining and understanding what technology is. Relating this to school, home, outside and to its use in the wider world.

- Understanding what technology is
- Recognising technology in the local environment and wider world

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