Year 2

Introduction to Purple Mash — 2 Lessons

An optional introduction to Purple Mash and the essential skills for beginning the year 2 scheme units. Use with classes who haven't used Purple Mash before or who need a refresher in the basics.

Autumn 1

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

Autumn 1

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

Autumn 2

The Internet — 4 Lessons

Understanding what the internet is.

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

Spring 1

Making Music — 3 Lessons

Composing digital melodies using 2Sequence.

- Understanding a digital music tool
- Relating the functions to musical terms
- Composing music digitally

Spring 1

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

Spring 2

Coding — 6 Lessons

Developing coding skills using 2Code.

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

Spring2/Summer 1

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

Summer 1

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

Summer 2

Information Technology | Computer Science | Digital Literacy

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