

Spring 1 Year 2 Computing overview

Key facts

- A Spreadsheet is a computer program that imitates a paper worksheet.
- It shows a large sheet (like a sheet of paper) that has many cells in a grid of rows and columns.
- Users can put words or numbers into the cells, to make headings and store information (usually numbers).
- You can also move the grid lines around so that some cells are bigger than others, and change the colour or size of text/font, the same way font/text is changed in a word processor.
- The primary reason most people use spreadsheets is for automatic calculations.
- A user can add and subtract the numbers here, even if the numbers are not next to each other. This means the computer does all the math, and people only need to give the correct information.
- Another strength of spreadsheets, is that they can produce diagrams, like graphs and pie-charts, based on the data the user enters. Sometimes the numbers make more sense when the computer turns them into a picture.

Resources

Laptops

Purplemash logins

Developing an understanding of databases and their uses.

Brief summary/ overview

Children will learn how to touch type using purplemash programs. They will be introduced to spreadsheets and how these can display and record data. They will learn to use search engines safely and how they can gather information from this source.

Prior Knowledge

Children will have been introduced to classifying and collected data in Year 1.

Key Vocabulary

Internet, safely, online, reliable, personal information, password, citizen, technology, touch typing, spreadsheets, data, collection, operations, cells, rows, columns, images, search engines

Cross curricular links/visits

Maths – data collection