



Computing Topic: Spreadsheets 1.8 and Technology outside of school 1.9.

Year: 1 Term: Summer 2

Key Knowledge/Content Spreadsheets:

- To know what a spreadsheet program looks like.
- To locate 2Calculate in Purple Mash.
- To enter data into spreadsheet cells.
- To use 2Calculate image tools to add clipart to cells.
- To use 2Calculate control tools: lock, move cell, speak and count.

Key Knowledge/Content Technology outside of school:

- To walk around the local community and find examples of where technology is used.
- To record examples of technology outside school.

Links to:

Prior learning:

Questioning and pictograms.

Future learning:

2.3 Spreadsheets, copying and pasting, totalling tools, addition and tables.

Key vocabulary with definition: New Vocabulary Spreadsheets

- Button- An object you click that performs an action e.g. print.
 - Clip-art- A library of images that a user can choose from and insert in a file.
 - Data- A collection of information, used to help answer questions.
 - Calculations- Maths calculations can be entered into a cell, for example the total of two cells can be added together using a calculation that appears in a new cell.
 - Column- Boxes running vertically in a spreadsheet.
 - Delete- Removes contents such as the contents in a cell.
 - Move cell- The move tool lets a user move the contents of a cell to a new cell.
 - Spreadsheet - A computer program that represents information in a grid of rows and columns.
 - Cell- An individual section of a spreadsheet grid. It contains data or calculations.
 - Image- A drawing or photograph that users can import into a file.
 - Row- Boxes running horizontally in a spreadsheet.
- ## New Vocabulary Technology outside of school
- Computer - An electronic device for storing and processing data
 - Technology - Science and engineering knowledge put into practical use to solve problems or invent useful tools.

By the end of this unit

All children can: **understand** what is meant by technology, **identify** a variety of examples both in and out of school and **gather** data and information.

Most children can: **discuss** the daily devices which are used in their lives and **use** 2Calculate spreadsheets to save and open sheets.

Some children can: **enter** data into cells, manipulate data using 'move cell' tool and **use** image toolbox to add clipart.

Background understanding for teachers and parents:

The spreadsheet topic has been designed to give children a graded understanding of collecting and presenting information and data. Technology outside of school gives children an understanding of how technology is used in a wider school ethos.

Curriculum Driver (one):

Aspiration

Evidence outcome:

Have aspiration to become confident in computing and therefore know how technology is used outside of school and within the real life world.