



St Andrew's C of E Maghull Computing Knowledge Organiser

Year 1 – Summer 2 – Spreadsheets/Technology Outside School



Knowledge:

Know what rows and columns are.
Know how to give images a value that the spreadsheet can use to count them.

Know how to add the count tool to count items.

Know how to add the speak tool so that the items are counted out loud.

Know how to use a spreadsheet to help work out a fair way to share items.

Know what is meant by 'technology'.

Know types of technology used in school and out of school.

Know examples of where technology is used away from school.

Vocabulary:

Spreadsheet – A computer program that represents information in a grid of rows and columns.

Row – Boxes running horizontally in a spreadsheet.

Column – Boxes running vertically in a spreadsheet.

Cell – An individual section of a spreadsheet grid. It contains data or calculations.

Data – A collection of information, used to help answer questions.

Calculations – Maths calculations can be entered into a cell.

Count tool – In 2Calculate, this counts the number of cells with a value that matches the value of the cell to the left of the tool.

Value – Images can have values given to them e.g. an apple could be given a value of 1 and a pear a value of 2.

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

Lesson Sequence:

Lesson 1: I can navigate around a spreadsheet. I know what rows and columns are.

Lesson 2: I can open the Image toolbox and find and add clipart.

Lesson 3: I know how to give images a value that the spreadsheet can use to count them. I know how to add the count tool to count items. I know how to add the speak tool so that the items are counted out loud.

Lesson 4: I know what is meant by 'technology' and I know types of technology used in school and out of school.

Lesson 5: I know examples of where technology is used away from school.



The 2Calculate toolbox



The 2Calculate image toolbox



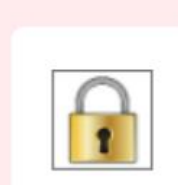
Clipart Picker



The 2Calculate control toolbox



Move cell tool



Lock cell tool



Speak tool



Count tool