



**Key Knowledge**

Children know how to use the search tool.  
 Children can share work electronically.  
 Children have understanding and knowledge about sharing more globally on the internet.  
 Children know teachers approve work before it is displayed.  
 Children know how we speak to people when they are not in front of us.  
 Children know that 2Respond is similar to email.  
 Children know that information online leaves a digital footprint and can give examples of good and bad digital footprints.  
 Children know the steps that can be taken to ensure they are safe online and so is their personal data.  
 Children can explain what rows and columns are in a spreadsheet.  
 Children know how to add images from the image toolbox and allocate them a value.  
 Children know how to add the count tool to count items. Children know they can use a spreadsheet to solve a mathematical puzzle.  
 Children know how to create a table of data on a spreadsheet. Children know how to use the data to create a block graph manually.



2Calculate



Sharing



2Email

**Vocabulary**

**Search** - Look for information using a search engine.  
**Display board** - A place to showcase work on Purple Mash.  
**Internet** - A way to send information from one place to another.  
**Sharing** - Post or repost something on a website.  
**Email** - Messages sent by one electronic device to another.  
**Attachment** - A computer file sent with an email.  
**Digital Footprint** - Information that exists about a person online.  
**Speak tool** - This tool will speak the contents of a cell containing a number each time the value changes.  
**Cell** - An individual section of a spreadsheet grid. It contains data or calculations.  
**Column** - Boxes running vertically in a spreadsheet.  
**Rows** - Boxes running horizontally in a spreadsheet.  
**Count tool** - In 2Calculate, this counts the number of cells with a value of the cell to the left of the tool.  
**Equals tool** - Tests whether the entered calculation in the cells to the left of the tool has the correct answer in the cell to the right of the tool.



The 2Calculate toolbox



The 2Calculate control toolbox



Move cell tool



Lock cell tool

**Lesson Sequence**

E-Safety Lesson Sequence

Lesson 1

I can effectively use the search tool.

Lesson 2:

I can use Purple Mash to send online communications similar to emails.

Lesson 3:

I can understand a digital footprint trail.

Spreadsheets Lesson Sequence

Lesson 1:

I can retrieve knowledge from Y1 on 2Calculate.

Lesson 2:

I can use copying, pasting, and totalling tools on 2Calculate.

Lesson 3:

I can explore using a spreadsheet to add amounts.

Lesson 4:

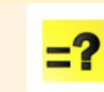
I can create a table and a block graph.



Speak tool



Count tool



Equals



2Calculate totalling toolbox