

Final Outcome: I can use a spreadsheet to design a graph to solve a mathematical problem.

Component 4: To use a spreadsheet for budgeting.

What we will know after this sequence:

- How to make practical use of a spreadsheet to help plan actions.
- How to use the currency formatting tool.
- How use the calculation function to work out costs.
- How to apply restrictions to the budget.

Vocabulary:

Currency, budget, restriction, apply

How will this feed into my next learning:

I will use my knowledge of the currency formatting tool to explore place value with a spreadsheet.

SEND: Additional modelling if needed to demonstrate the process used.

Component 5: To explore place value with a spreadsheet.

What we will know after this sequence:

- How to allocate values to images and use these to explore place value.
- How to use a spreadsheet to check understanding of a mathematical concept.
- How to copy images to adjacent cells.



Vocabulary:

Random number generator, totalling tool, controls toolbox, drag

How will this feed into my next learning:

I will use my knowledge of allocating values to design a graph to solve a mathematical problem.

SEND: Additional modelling if needed to demonstrate the process used.

Component 3: To create and interpret line graphs.

What we will know after this sequence:

- How to create a line graph using the line graphing tool.
- How to input data.
- How to label axes and titles.
- How to interpret the line graph to estimate values between data readings.



Vocabulary:

Resize, default, outcome, drag, interpret.

How will this feed into my next learning:

I will use my knowledge of inputting data to create a budget for a birthday party.

SEND: Additional modelling if needed to demonstrate the processes used.

Component 2: To use the timer, random number and spin button tools.

What we will know after this sequence:

- How to use the timer, random number and spin button tools.
- How to combine tools to make fun ways to explore a number.



Vocabulary: random number tools, spin tools, formula bar

How will this feed into my next learning:

I will use my knowledge of tools to use and interpret line graph functions.

SEND: Additional modelling if needed to demonstrate the processes used.

Component 1: To use the formula wizard to add formulae and format cells

We should know: What a spreadsheet is.

What we will know after this sequence:

- How to use formatting tools to appropriately format numbers.
- How to add a formula to a cell to automatically make a calculation in that cell.
- How to set numbers in a cell to currency, decimal or fraction.



Vocabulary: Formula, cell, format, calculation, formula wizard

How will this feed into my next learning:

I will use my knowledge of formatting cells to explore the use of timer, random number and spin button tools.

SEND: Pre-teach vocabulary using multi-sensory format. Support using modelling to demonstrate the processes used.

