Unit: Spreadsheets

Key Vocabulary	
Advance mode	A mode of 2Calculate in which the cells have references and can include formulae.
Budget	The amount of money available to spend on a project.
Columns	Boxes running vertically in a spreadsheet.
Chart	A diagram that represents data. Charts include graphs and other diagrams such as pie charts or flowcharts.
Count Tool	Counts how many of a variable there are in a spreadsheet.
Dice Tool	Simulates the roll of a die to a random number between 1 and 6 when you click on it.
Formula Bar	An area of the spreadsheet into which formulae can be entered using the '=' sign to open the formula.
Formula Wizard	The wizard guides you in creating a variety of formulae for a cell such as calculations, totals, averages, minimum and maximum for the selected cells.
Format	The way that text looks. Formatting cells is helpful for interpreting a cell's contents for example you might want to format a cell to show a fraction e.g. 4 ½ or include units such as £ or $.
Probability	The extent to which an event is likely to occur, measured by the ratio of the favourable cases to the whole number of cases possible.
Profit	Money that is earned in trade or business after paying the costs of producing and selling goods and services.
Move cell tool	Allows selected cells to be draggable.
Spreadsheets	A computer program that represents data in cells in a grid of rows and columns. Any cell in the grid may contain either data or a formula that describes the value to be inserted based on the values in other cells.
Rows	Boxes running horizontally in a spreadsheet.

Key Question

What is a computational model and what it can be used for?

Modelling in Computing means creating or using a simulation (a model) of a real-life situation, on a computer. It represents the data of a situation. **For example;** budgeting for a party; working out how big a field needs to be for a certain number of animals; working out the best price for an item or using the existing data to predict what time your shadow will be a certain length
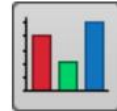
Key Images

Advanced mode	Formula Wizard	Format Cell Toolbox	Charts
Totals toolbox	Image Tools	Controls Toolbox	Move
	Dice	Equals	Count
To Copy		To Cut	To Paste
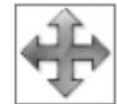
Key Question

How would you add a formula so that the cell shows the total of a column of cells?

Use the formula wizard advanced total tool or type a formula into the cell by using the '=' symbol, mathematical operators and cell references.

Explain what a spreadsheet model of a real-life situation is and what it can be used for?

Ideas could include: **Travel; comparing the cost of different methods, airports, airlines, different companies and discounts such as rail cards. Cost of accommodation of different types, trips out, food, passports, immunisations.**