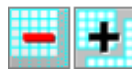# Waterbeach Community Primary School
Curriculum Capture for Year 6 Computing: Spreadsheets

Key Knowledge

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.

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.

If you were going to use a spreadsheet to plan your dream holiday, what data would you collect to cost the trip?

Ideas could include: 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.

Vocabulary

Columns	Vertical reference points for the cells in a spreadsheet.
Cells	An individual section of a spreadsheet grid. It contains data or calculations.
Count tool	Counts the number of whatever value object is in the cell to its immediate left and puts the answer in the cell to its immediate right.
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.
Formula	Use the formula wizard or type into the formula bar to create a formula in a cell, this will calculate the value for the cells based upon the value of other cells in the spreadsheet.
Rows	Vertical reference points for the cells in a spreadsheet.
Spin Tool	Adds or subtracts 1 from the value of the cell to its right.
Spreadsheet	A computer program that represents information 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.

Increase or decrease spreadsheet size		**Move**	
Advanced mode		**Equals**	
Formula wizard		**Dice**	
Format cell toolbox		**Count**	
Charts		**To copy**	
Totals toolbox		**To cut**	
Image Tools		**To paste**	
Controls Toolbox			

Key Skills

To use a spreadsheet to investigate the probability of the results of throwing many dice.

Using the formula wizard to add a formula to a cell to automatically make a calculation in that cell.

To create graphs showing the data collected.

To type in a formula for a cell to automatically make a calculation in that cell.

Using a spreadsheet to create computational models and answer questions.