

Phase: 5/6

Subject: Computing

Focus: Spreadsheets 5.3

Term: Spring

Key Learning

- To use formulae within a spreadsheet to convert measurements of length and distance.
- To use the count tool to answer hypotheses about common letters in use.
- To use a spreadsheet to model a real-life problem.
- To use formulae to calculate area and perimeter of shapes.
- To create formulae that use text variables.
- To use a spreadsheet to help plan a school cake sale.

Key Resources



Prior Learning.

LKS2:

Use sequence, selection and repetition in programs; work with variables and various forms of input and output.

Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration.

Key Images



Open, close or share a file



Save your work



Open a previously saved file



Increase or decrease spreadsheet size



Advanced mode



Formula Wizard



Format Cell Toolbox



Charts



Totals toolbox



Image Tools



Controls Toolbox



Random Number



Spin



Equals



Timer



To Copy



To Cut



To Paste

Average

Symbols used to represent comparing two values

Charts

Use this button to create a variety of graph types for the data in the spreadsheet.

Random tool

Click to give a random value between 0 and 9 to the cell.

Advance mode

A mode of 2Calculate in which the cells have references and can include formulae.

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.

Rows

Vertical reference points for the cells in a spreadsheet.

Copy and Paste

A way to copy information from the screen into the computer's memory and paste it elsewhere without re-typing.

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.

Spin Tool

Adds or subtracts 1 from the value of the cell to its right.

Columns

Vertical reference points for the cells in a spreadsheet.

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.

Cells

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

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.

Timer

When placed in the spreadsheet, click the timer to add 1 to the value of the cell to its right every second until it is clicked again.

Move cell tool

This tool makes a cell's contents moveable by drag-and-drop methods.

Amblecote Primary School – Knowledge Organisers



Phase: 5/6

Subject: Computing

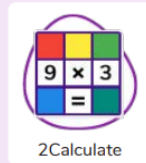
Focus: Spreadsheets 6.3

Term: Spring

Key Learning

- To use a spreadsheet to investigate the probability of the results of throwing many dice.
- To use a spreadsheet to calculate the discount and final prices in a sale.
- To use a spreadsheet to plan how to spend pocket money and the effect of saving money.
- To use a spreadsheet to plan a school charity day to maximise the money donated to charity.

Key Resources



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Key Images



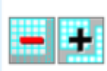
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Key Vocabulary

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