Kemnal Technology College – Computer Science Kemnal Key – Year 7 Term 5
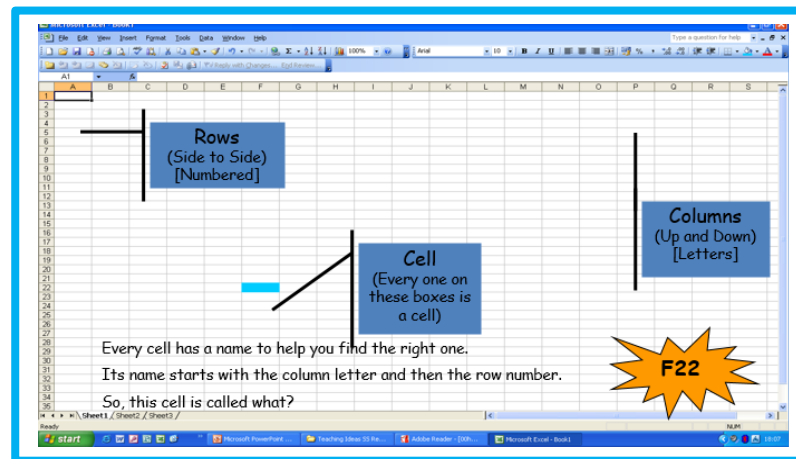
Spreadsheet Maths operators

= MIN	Returns the smallest value in the range
= MAX	Returns the largest value in the range
= AVERAGE	Finds the average for a range of cells
= SUM	Adds a range of cells together
= COUNT	Counts cells if they meet certain conditions

 The website includes free coding lessons, sounds, and many more things used to help students code fluently. Using graphics, you are able to code step-by step to complete tasks that can be linked to items in the real world. www.code.org

Spreadsheets are used to store information and data. Once we have our information in a spreadsheet we can run powerful calculations, make graphs and charts and analyse patterns.

A Spreadsheets appears as a grid, each row has its own number and each column its own letter.

This labelling of rows and columns is used to give each cell a cell address or reference, for example, C5 means column C, row 5.

Kemnal Key Questions

1. What is a Spreadsheet?
2. What are they used for?
3. What can a spreadsheet do?
4. What is meant by the term 'Computer Model'
5. What is the difference between a model and a simulation?

Formulas and functions

Formulas and functions are extremely useful features. They make automatic calculations that update when the data does.

Formulas are usually simple calculations, eg adding two or more numbers together. They always start with an equals sign (=).
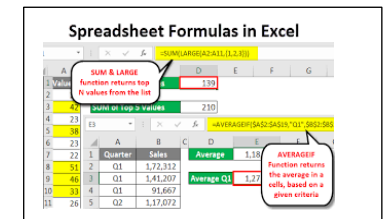
PUT THE = FIRST!

If you don't it won't work.

Symbols used in formulas

There are a number of symbols used in formulas or calculations. These are the most common ones:

- '+' add
- '-' subtract
- '*' multiply
- '/' divide

Functions make more complex calculations. Simple and regularly used functions include:

- SUM – adds values in selected cells
- MIN – finds smallest value
- MAX – finds largest value
- AVERAGE – finds the average value
- COUNT – counts how many of the selected cells have numbers in them