

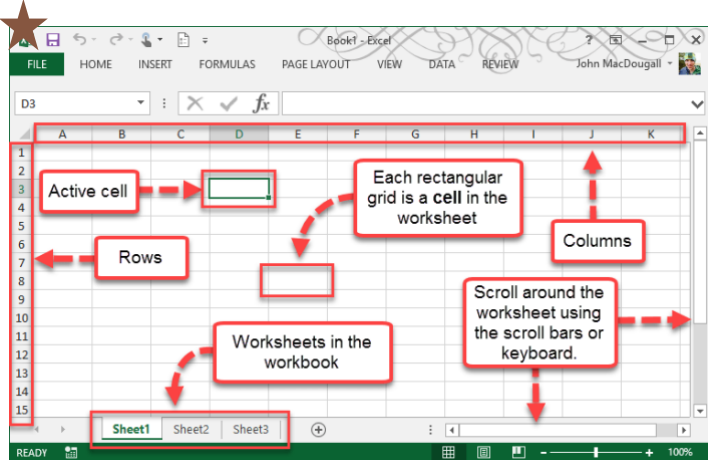
Computing

Knowledge organiser

UKS2

Autumn 1

spreadsheet	An electronic document in which data is arranged in the rows and columns of a grid and can be used in calculations.
cell	A box where you can enter a single piece of data.
row	The cells that go across (horizontal).
column	The cells going down (vertical).
formula	An expression which calculates the value of a cell.
sum	Add a range of cells together. (=SUM)
data	Numbers in the cells.
value	The total or answer of the sum.
calculation	The formula that will +, -, x, ÷



B	S
Cheese	
	1
	1
	1
3 x	
=SUM(B3:B9)	

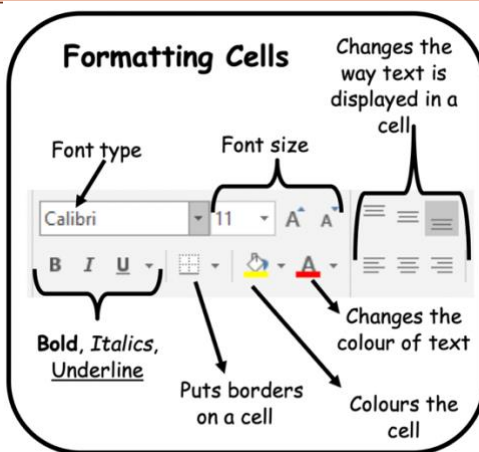
## Objectives:

- I can use a spreadsheet and database to collect and record data.
- I can use simple formulae to solve calculations including =sum and other statistical functions.
- I can edit and format different cells in a spreadsheet.
- I can write spreadsheet formula to solve more challenging maths problems.



## Data Handling

Key Question: Can I create a spreadsheet to show information clearly?



Name	Sandwich fillings		
	Cheese	Tomato	Ham
James			1
Hamas	1		
Alice	1		1
Iqra	1		
David			1
Alex			1
Liz			1
<b>Total</b>	<b>3</b>	<b>3</b>	<b>3</b>

Food	Costings	
	Price per pupil	0.69 x 1st
Cheese	0.23	=B11*B15
Tomato	0.14	0.42

### Lesson 1 - Who can I talk to when I need to share something?

Always talk to an adult that you can trust.  
tell someone if you see or read something that makes you feel uncomfortable online.  
Never keep something to yourself, especially when it is making you worried or upset.

### Lesson 2 – Can I identify features of excel?

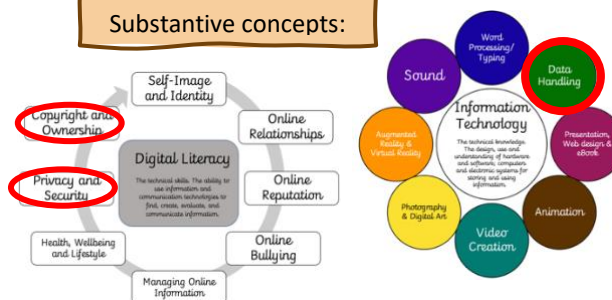
### Lesson 3 – Can I create a formula on excel?

$$1 + 7 = A2 * B2$$

### Lesson 4 – How can I perform formulas to make an efficient spreadsheet?

### Lesson 5 + 6 - Can I plan and create my own spreadsheet?

## Substantive concepts:



Maths Symbol	Spreadsheet Symbol
+	+
-	-
X	*
÷	/

## Why do we use Spreadsheets?

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.