

The Flourish Federation—Knowledge Organiser

Brookfield Infant and Junior Schools



Computing Focus:	Information Technology — Data & Data Representation	Year 2	Term 5
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What? (Key Knowledge)
I recognise different types of data i.e text, number.
I start to appreciate that programs can work with different types of data.
I recognise that data can be structured in tables to make it useful.
I use technology purposefully to create, organise, store, manipulate and retrieve digital content.

Useful Web Links
https://www.purplemash.com/sch/brookfield-infant Children all have home access. Log in details are in the front of Reading Record books.


Cross-Curricular Links
Maths- links to statistic, graphs , charts

What? (Activities)	
I recognise different types of data i.e text, number.	Children learn to recognise and read tallies, bar graphs, line graphs and number charts in Maths /statistic activities
I start to appreciate that programs can work with different types of data.	Children use their own data and use 2 calculate program on Purple mash to interpret different data types. Linked to maths activities (statistics)
I recognise that data can be structured in tables to make it useful.	Children will have opportunities to record their own data in different tables and decide which style is most useful for the purpose. Children collect their own data (flowers growing around school) a tally chart is a quick way to record figures
I use technology purposefully to create, organise, store, manipulate and retrieve digital content.	Children will create a simple spreadsheet using '2 calculate' to store and organize their data collected from their tally. They will make changes and practice saving and re-trieving data.

What? (Key Vocabulary)	
Spelling	Definition
Copy and paste	Copy information from the computer's memory to paste without the need for retyping.
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	In 2 calculate this counts the number of cells with a value that matches the value of the cell to the left of the tool.
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.

What? (Key Vocabulary)	
Spelling	Definition
Image toolbox	Use this to insert images into cells.
Lock tool	This tool prevents cell values being changed.
Move cell tool	This tool makes a cell's contents moveable by drag-and-drop methods.
Rows	Vertical reference points for the cells in a spreadsheet.
Speak tool	This tool will speak the contents of a cell containing a number each time the value changes.
Spreadsheet	A computer program that represents information in a grid of rows and columns.

Visuals

Key Images

Open the main menu 

Save your work 

Open a previously saved file 

Increase or decrease spreadsheet size 

2Calculate toolbox 

2Calculate control toolbox 

Move Cell  Speak 

Lock Cell  Count 

Equals 

2Calculate totalling toolbox 

Totalling  Copying 

Look at the graph made in 2Calculate showing the class' favourite pets. Which is the most popular?




2Calculate

