

The Flourish Federation—Knowledge Organiser

Brookfield Infant and Junior Schools



Computing Focus:	Information Technology — Data & Data Representation	Year 1	Term 3
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What? (Key Knowledge)
I recognise that digital content can be represented in many forms.
I distinguish between forms of digital content and can explain the different ways they can interpret information.
I begin to appreciate that data can be structured into tables to make it more useful.
I organise, store, edit and manipulate data in a range of digital formats

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. Weather apps https://www.metoffice.gov.uk/ https://www.bbc.co.uk/weather/6693668

What? (Activities)
I recognise that digital content can be represented in many forms. Look at online weather websites such as bbc weather or Met Office weather.
I distinguish between forms of digital content and can explain the different ways they can interpret information. Compare differences. Look at symbols, wind direction, temperatures. Discuss differences / similarities between weather reports. Linked to Science -weather
I begin to appreciate that data can be structured into tables to make it more useful. Collect own data over a week. Record in a chart using weather symbols. Create a tally chart and transfer data into table using purple mash 2 graph.
I organise, store, edit and manipulate data in a range of digital formats. Use purple mash 2 graph. Children can explore bar graphs, pie charts and line graphs and save their graphs to own folders in Purple Mash.

What? (Key Vocabulary)

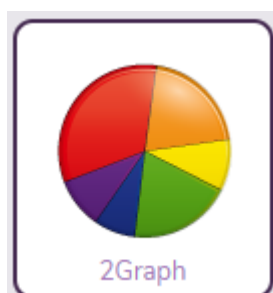
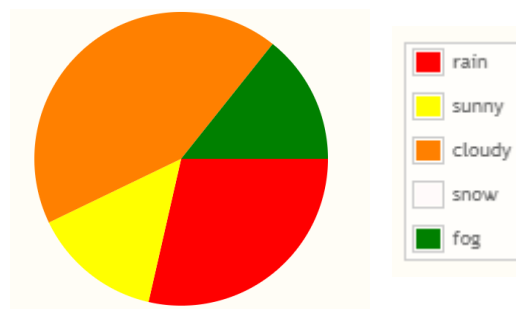
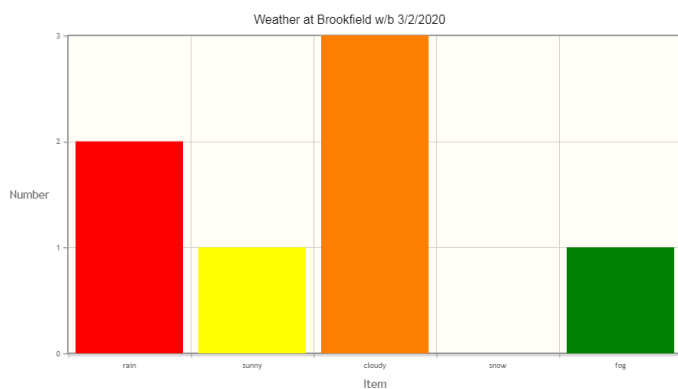
Spelling	Definition
Data	Facts and statistics collected together to provide information
Collate	To collect and combine (information)
Pictogram	A diagram that uses pictures to represent data
Tally chart	A quick way of organising data.
Frequency	How often something occurs
Bar Graph	A graph using bars showing numbers independent from each other.
Pie chart	A type of graph, in which a circle is divided into sections

Cross-Curricular Links

Maths- tally charts, counting in 5 s

Science -weather symbols/ temperature

Visuals



Item	Number	
rain	2	rain
sunny	1	sunny
cloudy	3	cloudy
snow	0	snow
fog	1	fog
Total:	7.00	