

Y6 Computing N2K – Data & Information

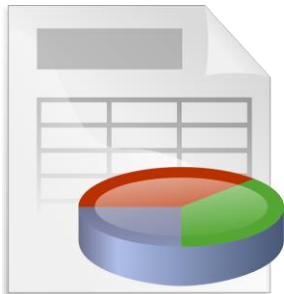
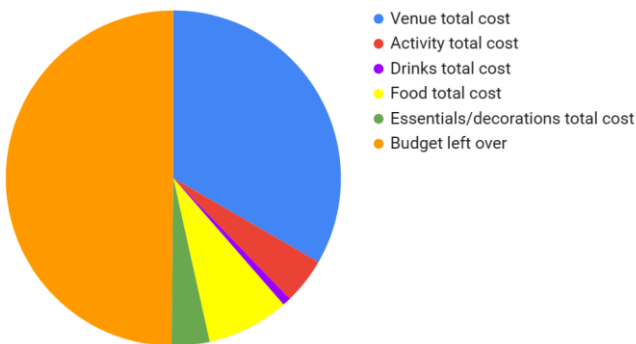
Spring 2

Concepts

Information Technology

Select, use, and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems, and content that accomplish given goals, including collecting, analysing, evaluating, and presenting data and information.

Overall Party Costs



Key Skills

- To create and build a data set in a spreadsheet.
- To explain that formulas can be used to produce calculated data.
- To apply formulas to data.
- To create a spreadsheet to plan an event.
- To choose suitable ways to present data.

Enquiry Questions

- How do I format a spreadsheet?
- What's a formula?
- How do I use a spreadsheet to calculate and duplicate data?
- How can I use a spreadsheet to plan an event?
- What is the best way to present my data?

L3 Resource_ Example spreadsheet - Introduction to spreadsheets - Y6 .XLSX

| Attraction | Location | Travel duration | Distance in miles | Cost per mile | Journey cost |
|--------------------------|---------------|-----------------|-------------------|---------------|--------------|
| Alton Towers Theme Park | Staffordshire | 147:00 | 861 | £0.12 | |
| Harry Potter Studio Tour | Watford | 3:38:00 | 207 | £0.12 | |
| National Space Centre | Leicester | 2:22:00 | 130 | £0.12 | |
| Buckingham Palace | Westminster | 4:00:00 | 232 | £0.12 | |
| Science Museum | London | 3:56:00 | 233 | £0.12 | |
| LEGOLAND® | Windsor | 3:39:00 | 218 | £0.12 | |
| Edinburgh Zoo | Edinburgh | 4:00:00 | 228 | £0.12 | |
| Sea Life | Brighton | 4:41:00 | 283 | £0.12 | |
| Splashdown Water Park | Poole | 4:34:00 | 276 | £0.12 | |
| Billy Bob's Parlour | Yorkshire | 1:42:00 | 77.2 | £0.12 | |

Key Vocabulary

- cell** - A rectangle or block on a worksheet; any data that is entered onto a spreadsheet must be placed in a cell.
- cell reference** - A unique combination of a letter and number to identify columns and rows on a spreadsheet.
- data** - A letter, word, number that has been collected for a purpose, but stored without context.
- data set** - A collection of related data.
- format** - The appearance of a document.
- formula** - A combination of symbols that process and output.
- information** - Data put into context that provides meaning.
- input** - Data that is sent to a program to be processed.
- output** - The result of data processed by a computer.
- spreadsheet** - An electronic document in which data is arranged in rows and columns; the data can be manipulated used formulas.