

Lyng Primary School Knowledge Organiser

Information Technology



Summer 2

Databases

Year 3

Topic: IT

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| What Goldilocks and Step On words will I use? |
| **Spelling** | **Defintion** |
| Branching database | A way to sort information by asking questions that are nromally answered ‘yes’ or ‘no’. |
| Data | Facts and statistics collected together for information. |
| Database | A collection of data organised in such a way that it can be searched, and information found easily. Database usually refers to data stored on computers.  |
| Fields | An area in a fixed or known location in a unit of data. Sometimes a field can be divided into smaller fields.  |
| Filter | Criteria that can sort data found in a database or spreadsheet.  |
| Question | Something that is asked or written to try and gain information.  |
| Spreadsheets  | A document in which data is arranged in the rows and columns of a grid and can be manipulated and used in calculations.  |

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**Aims of this unit**

* Understand the terminology around databases.
* Compare paper and computerised databases.
* Sort, filter and interpret data
* Represent data in different ways.
* Sort data for a purpose.

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| Outcomes |
| **All children** * Enter information into a database.
* Create a set of closed questions on paper.
* Create a simple chart for the whole data set.

**Most children*** Explain what is meant by field, record and data.
* Identify examples of paper and computerised databases
* Putting values into a spreadsheet, sorting, filtering and interpreting data
* Create a graph

**Some children*** Independently create a list of the advantages of computerised and paper databases.
* Create an online set of questions data which shows a secure understanding.
* Create multiple graphs and evaluate them.
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Summer Term 2

Databases



**In this unit…**

In this unit, children will look at databases and will compare computer and paper based databases. They will then use the database in order to create a series of charts and graphs by filtering out the relevant information.

**Agreed outcome:**

Create a database of Greek/Roman Gods