



Edenfield C E Primary School

Medium Term Plan - Sequence and Progression

Subject: Computing

Unit: Year 4 – Data Handling

Key Vocabulary

- Data
- Frequency
- Diagram
- Graph
- Database
- Branching
- Order
- Compare
- Contents
- Spreadsheet

Lesson Sequence

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| 1. LO: To compare different charts and graphs |
| 2. LO: To create diagrams and graphs to answer questions. |
| 3. LO: To use databases to organise information |
| 4. LO: To collect data and enter it into a database |
| 5. LO: To answer questions using a database |
| 6. LO: To select the most appropriate method to present data |
| 7. |
| 8. |
| 9. |

Skills

- Create frequency diagrams and graphs to answer questions.
- Begin to identify what data should be collected to answer a specific question.
- Collect data and enter it into a database under appropriate field headings.
- Use a database to answer straightforward questions by searching, matching and ordering the contents of a single field.
- Based on the data collected, children should raise their own questions and translate them into search criteria that can be used to find answers to specific questions.
- Compare different charts and graphs, e.g. in tables, frequency diagrams, pictograms, bar charts, databases or spreadsheets and understand that different ones are used for different purposes.
- Select and use the most appropriate method to organise and present data.

By the end of the unit pupil will know:

- Understand that there are different types of data.
- Understand the need to structure information properly in a database.
- Know, understand and use the vocabulary: file, record, field, sort and search.
- Recognise similarities and differences between ICT and paper-based systems.
- Talk about the advantages of using IT to sort, interrogate and classify information quickly.