

Year 4 Term 2 Handling Information: Sorting and Classifying

Resources:

2 Simple Let's **2 Investigate**

1 laptop between 2 children

Photo of each child taken with digital camera

WALT (We are learning to)

- Collect data and enter it into a database.
- Sort and search the database to answer questions.

WILF (What I'm looking for)

- Questions answered using graphs.
- Charts and explanations.

Assessment

Level 3

Can enter information into a prepared database program and been able to find out the answers to straight forward lines of enquiry i.e. who plays netball.

ICT Programme of Study

- Finding things out
- Exchanging and sharing information

Skills

To be able to:

- Use a database to collect data.
- Design a suitable questionnaire to get the answers they want.
- Interpret data to answer questions about it.

Key classroom ICT Activity

Lesson 1

Look at information in samples entitled "hobbies".

Ask and answer questions from database, use charts, graphs and venn diagrams.

Lesson 2

Children to design a class questionnaire about own hobbies.

Demo and explain the setting up of the database structure.

Discuss which fields are needed and any appropriate units of measure. Actual database structure created by teacher.

Children import photos.

Demo how to enter data into the database.

Children work in pairs entering own data.

Lesson 3

Demo how to search and sort data in order to answer questions e.g. how many children play football?

Working in pairs, children interrogate data.

Demo how to produce graphs and charts to present answers to questions.

Ask children to draw conclusions from data.