

4. Reporting back to company

45
mins

Graphs, patterns and data can be reported back to the company with final recommendations.

OBJECTIVES

- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other presentations.
- To summarise the findings, linking to Literacy and Numeracy across the curriculum.

RESOURCES

- Computer and associated software (word processing and chart/graphing)

INTRODUCING THE ACTIVITY (5 minutes)

Remind the children of the original request from the haulage firm. They wanted to know what affect the cab fairings had and if any particular shape was better than another. The children need to give the firm the evidence they have gathered, in a form which is easy to understand.

MAIN ACTIVITY (30 minutes)

They may want to write their findings down, which could be done long hand, or using a word processor. The measurements they made are important, and the data can be presented as tables or charts. Simple bar charts could be produced using 'First Graph' to show the different distances travelled under the various conditions investigated. Explanations of these charts and tables will also need to be written, showing how the experiments were set up, and what the data shows.

Children in Year 6 could use more sophisticated software like Microsoft Excel to produce their charts and tables.

Drawings and designs for the various fairings the groups produced need to be illustrated for the firm, and there is an opportunity for the children to use a digital camera to photograph their work and import these into their documents.

PLENARY (10 minutes)

The children's work can be displayed in school, or presented to parents or other classes.