# Cause and effect ...

## Writing Flier 8 Explanation



National Literacy Strategy

Sometimes language can be an inadequate tool for explaining how something works. In spoken language situations, we often find ourselves scrabbling for a pencil to draw a diagram – so we can point and indicate movement and direction alongside the verbal explanation ("The electricity goes round here and through here...".). Many children need help in learning how to integrate the visual and the verbal in technical explanations.

Explanations occur throughout the curriculum, for instance:

- science, e.g. How does insulation work? What causes the seasons?
- history, e.g. How did the Romans build their roads? What were the causes of a war?
- geography, e.g. Why do coasts erode? What happens when a volcano erupts?

When writing explanations, it is important to draw attention to the main characteristics of various types of diagram (e.g. plans, maps and crosssections) and 'skeleton' note-taking frameworks (flowcharts and picture sequences).

Children can be encouraged to create their own diagrams and notes during investigations in other subjects. These can be taken to the Literacy Hour to provide the content for explanatory writing. As in spoken language, however, a purely written account is often The molecules in a solid are all bunched up close, so the solid stays the same shape. But in a liquid, they're spaced out a bit so the liquid can move about.

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Devising and drawing a diagram aids understanding, and the finished product provides a focus for a spoken explanation.

inadequate; children must learn to integrate diagrams and flowcharts with the written word to ensure their explanations are truly effective.

# Making notes for explanation writing

There are two main types of skeleton for explanation text: diagram and flowchart.



**Diagrams** are simplified drawings of any kind, notably **cross-sections** (seen as a slice through the side), **plans** and **maps** (seen from above). They require clear **leader-lines** and **labels**.

Explanatory flowcharts are usually complex and there are many variations, e.g. cycle; reversible effects.



### Find out more about explanation

Further case studies (Y1-Y6) can be found on the NLS website:

www.standards.dfes.gov.uk/literacy See also pages 154-155, *Grammar for writing* and *Developing early writing*.

department for education and skills



Revising science topics for their national tests, this Y6 class uses physical theatre whenever possible.

#### PLANNING PROGRESSION in writing explanation text



Year 5 Term 2 T22

#### National Curriculum and NLS Objectives

The NLS objectives link with and support work in the

- rest of the curriculum in several ways. We can: Bring content knowledge and reading/writing activities from the curriculum into the Literacy
- Hour. Work in the Literacy Hour is then linked to real purposes for reading, writing, speaking and
- Teach language and literacy in both the Literacy Hour and other subjects, weaving the work in subjects and the Literacy Hour explicitly together.
- Apply and practise the skills learned in the literacy our in new contexts in the rest of the curriculum.
- Use language work done in other subjects to access children's English abilities.

# Linking QCA Units of Work and NLS Writing

In order to help with planning, links have been mapped between NLS objectives and existing writing activities within QCA schemes of work for history, geography, science, religious education and design

#### Visit the QCA website:

www.qca.org.uk/ca/subjects/english/literacy

Objective: Plan, compose, edit and refine short explanatory texts, using reading as a source, focusing on clarity, conciseness, impersonal.

Example

Shared work: Teacher demonstrates how to research and plan a page for a reference book on one aspect of a class topic. Shared note-making and writing of the page.

Individual/guided work: Pupils research, plan and write their own pages for the reference book.

#### Year 6 Term 3 T22

Objective: Select appropriate style and form to suit a specific purpose and audience, drawing on knowledge of different non-fiction text types.

Example

Shared work: Teacher (1) models how to select appropriate non-fiction text type for a piece of writing; (2) revises how to plan and write that text type, depending upon purpose and audience. Individual/guided work: Pupils, given audience and purpose, select style and form for a range of pieces of

writing, and plan and write one piece.

