



## Science handbook...Literacy policy

### Introduction:

When teaching science there is an ideal opportunity to use cross curricula skills particularly in literacy: It is the school's aim to include where possible literacy tasks within other subjects.

### Purpose

- To increase the importance of Literacy within science.
- To teach and reinforce the use of Literacy as part of the skill required to becoming a better scientist.
- To extend the interpretive vocabulary skills of students.
- To encourage the correct use of grammar, free prose writing, spelling and sentence construction.
- To improve study and research skills by improving comprehension skills of the student.
- To allow access to science information in various formats including the written word, encyclopaedias and IT.

### Guidelines:

- Various opportunities arise within science to include Literacy tasks. These are highlighted in departmental schemes of work and should be include by individual staff members where appropriate.
- Beginning or ending a lesson or supporting practical investigations with literacy tasks including the use of keywords as indicated by schemes of work.
- Introduce into schemes of work standard terminology and literate demands that support and help students communicate and explain their understanding of science.
- Introduce or end some science lessons with simple matching and grouping exercises which involve words or phrases.

- **Create opportunities for students to communicate and listen to each other.**
- **Use keywords from displays.**
- **The use of flash cards to answer questions of to stimulate the devising of questions.**
- **Use concept maps or flow charts.**
- **Select appropriate texts for pupils to comprehend and summate, possibly selecting their own keywords.**
- **Use writing frames for report writing for less able children.**
- **Display for EAL students samples of nouns e.t.c for science equipment in their language.**
- **Include spelling tests to support monitoring and assessment policies for key stages 3 & 4.**