



## Lesson Plan Framework

### UNIT F

#### Sub Unit F3 - Acids and Carbonates + Introduction to F4 (Fire fighting)

**Group:** 1T

**Location:** Main Chemistry Lab

**Date/Time:** 9<sup>th</sup> January 2007/ 11h to 12h10

#### 1. Learning Objectives:

- Recap that carbonates react with acid to make carbon dioxide.
- Recap how to describe and carry out the test for carbon dioxide.
- Recap word equation for acids reacting with metals and carbonates.
- Learn how to build an investigation folder in chemistry to develop independent organization.

#### 2. Learning Outcomes:

- Describe the test for carbon dioxide by making an activity to label the experiment about it.
- Learn how to be organized, by making an activity that involves making a folder for next lessons investigation worksheets.
- Be creative and able to show what they know about fire fighting.

#### 3. National Curriculum References:

- KS3, Unit F (Changing Materials), sub unit F3 (Acids and Carbonates) of the catalyst text book.

#### 4. Links to other areas:

- Children will be able to learn the lesson topic using some ICT Skills, literacy and working as independent students.

#### 5. Previous Assessment details informing this lesson:

- Teacher used a simple worksheet last lesson about word equations on metals and carbonates reacting with acids.



## **6. Differentiation:**

- The differentiation process will be to check misconceptions and to develop the same knowledge in different types of questions. The gift and talented pupils will have a question that can help them to develop knowledge and cross link about what they already know. Pupils with difficulties will have a general sentence, about the same topic, but without a large scale of difficulty.

## **7. Health and Safety:**

- No lab practical activity.