



Lesson Plan Framework

UNIT F

Sub Unit F3 - Acids and Carbonates

Group: 1T

Location: Main Chemistry Lab

Date/Time: 12th December/ 11h to 12h10

1. Learning Objectives:

- Learn that carbonates react with acid to make carbon dioxide.
- Learn how to describe and carry out the test for carbon dioxide.

2. Learning Outcomes:

- Learn that metals react with acids to make hydrogen and a salt.
- Learn that acids react with carbonates to make carbon dioxide, water and a salt.
- Learn that the test for carbon dioxide is that it turns limewater milky.

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 mark Last lesson homework about acids reacting with metals to make hydrogen and a salt.



6. Differentiation:

- At the end of the lesson I will use as a plenary a worksheet to complete per pupil. The idea of the differentiation process in this lesson is to make a simple worksheet for all, for the teacher be able to identify who really need more support about the topic and who need to develop new knowledge about it.
- Particular attention to dyslexic pupils, during the lesson and verify at the end of lesson as the work developed and complete if necessary. (Important to establish a comfortable environment for children with difficulties to feel better and have the opportunity to develop the same unit knowledge.

7. Health and Safety:

- Demonstration of a practical activity in this lesson. Risk assessment attached.