



Lesson Plan Framework

UNIT F Sub Unit F1

Changing Materials

Group: 1T

Location: Main Chemistry Lab

Date/Time: 14th November

1. Learning Objectives:

- The difference between physical and chemical changes.
- Chemical changes involve chemical reactions and mean that new substances are made.
- The meaning of 'chemical reaction', 'reactants' and 'products'.
- Chemical reactions can be represented by word equations.

2. Learning Outcomes:

- learn that changes in temperature, a flame, a colour change, bubbles, a precipitate, or a substance being used up are all indications of a chemical change.
- Learn the meaning of the words 'reactant' and 'product'.

3. National Curriculum References:

- KS3, Unit F (Changing Materials) 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 citizenship as working with groups on lab.



5. Previous Assessment details informing this lesson:

- Review topic about investigation and fair tests in taking acidity away.
- Use activities to capture interest to the new topic (e.g. show some pictures and videos as a easy way to make them understand about the unit topic).
- Use of worksheets to make pupils involve and get familiarise with the unit.

6. Differentiation:

- Particular attention to dyslexic pupils, during the lesson and verify at the end of lesson the work developed and complete if necessary.
- If necessary repeat all the lesson important concepts to pupils with difficulties as a way to follow their progress in the classroom.

7. Health and Safety:

- No lab practical activity in this lesson.