



Lesson Plan Framework

UNIT H Sub Unit H2

Energy from reactions – lesson 3

F. Group: 3G

Location: General Science Lab

Date/Time: 22nd January 2007/14h30 to 15h40

1. Learning Objectives:

Pupils will recap...

- Combustion word equation.
- That during combustion, energy is released.
- What is a Voltaic Cell?

2. Learning Outcomes:

Pupils will...

- Carry out a practical experiment about getting energy from two metals (voltaic cell).
- Learn that bigger the difference in reactivity of the metals, the bigger the potential difference between the two metals, and therefore the bigger amount of energy produced.

3. National Curriculum References:

- KS3, Unit H2 of the catalyst text book.

4. Links to other areas:

- Children will be able to learn the lesson topic using some ICT Skills, literacy, citizenship and work as groups inside the Lab.



5. Previous Assessment details informing this lesson:

- Use activities to capture interest, giving all the necessary instructions for them to understand the unit and carry on (without doubts) to the next lesson.

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.
- Particular attentions to bright pupils, using a worksheet extension to pupils develop more knowledge about the unit.

7. Health and Safety:

- See risk assessment attached.