



Sustainable Energy Day
St. Ignatius College B.S.S.
Tal-Handaq
Qormi



11nd to 15th April 2011

Week programme

Sustainable Energy School Tour –

A number of Form 1, 2 and 3 classes will be taken on a tour around the school premises so to observe how our school is contributing to reduce the carbon footprint. The tour will last one lesson (40 minutes) and shall involve the following activities:

- Visit to the corridor at Level 2 Block B to observe and discuss the use of light tubes.
- Visit to the school's roof in order to discuss how photovoltaic cells work.
- Discuss how a solar water heater works.
- Discuss how roof insulation prevents heat transfer.
- Visit one classroom and discuss various features which make our school energy efficient.
- Follow-up activity so to summarise the visit.

In December, students from St. Francis Girls School Sliema had the opportunity to take part in the Sustainable Energy Tour.

Thursday, 14th April 2011

Sustainable Energy Day programme

8.45am: All Form 3 students gather in the multipurpose hall so they can watch a short video dealing with renewable sources of energy and Sustainable Use of Energy.

9.00am: Short introduction by Head or Assistant Head of school to welcome guests and launch the event.

9.10am: Ms Loredana Maggi, Ms Elizabeth Attard, Ms Amanda Spiteri and Mr Andre' Xuereb Physics teachers at St. Ignatius College B.S.S. together with their students will describe the events carried out along these months; students' projects by Form3, Science Fair, exhibition and Sustainable school tour.

9.25am: Students from St. Francis School Sliema present the Sustainable House project developed at school

9.40am: Students from St. Ignatius College B.S.S. will explain how they constructed a working model of a solar cell.

10.05am: Architect Joseph Saliba will give a presentation where he gives an explains how renewable energy sources can be applied in a local context.

10.30am: Mr Carmel Busuttil, Physics & Chemistry teacher at St.Ignatius College B.S.S. will describe how hydrogen can be extracted and used as a fuel.

10.40am: Form 3 students are accompanied by their teachers to their respective classes and the guests, Head of school, Assistant Heads and teachers will follow the Science Fair and exhibition set in the multipurpose hall.

The three judges will judge the best three projects while the respective students will be present so to answer questions dealing with their particular project. At the same time other guests can visit the exhibition of projects and models developed by the Physics department.

Students from the Learning Zone will also describe how a Pedal Power system developed at school works and how the wind turbine is being developed.

11.00am: Reception will follow and if weather permits guests can visit the school's roof to observe light tubes, PV array and solar water heaters. During the reception the best projects will be awarded the prizes by a distinguished guest or Head of school.