

Energy in Action



Strength of this project is the strong involvement of the whole school staff and the didactic integration of the energy theme in several matters

(i.e. math, languages, natural sciences and technology).



ONE SIGNIFICANT ACTIVITY

The Energy Audits detected that to avoid sunray reflections on the blackboards, it was used to low the blinds and switch on the light, with consequent electricity consumption. A practical and very low cost solution has been applied: It was studied the optimal position

of blackboards and simply moved away from the window; In the cases in which this action didn't work correctly, blackboards were painted with a special reflex proof color. At present all rooms can enjoy from natural external sunlight.

KEY CONCEPTS

Energy in Action project has faithfully respected the guidelines proposed by the IUSES methodology for developing and implement an Energy Saving Plan in schools (as explained in the "Teacher Manual").

After setting the Energy Management Team, a comprehensive Energy Audit was performed. Energy weakness and losses detected were turned into a set of 11 main measures and related goals to be achieved through

the Action Plan. As for example: Reducing the switch on time of external light – lamps cleaning – substitution of winding ballasts by electronics ones – Installation of weather stripping on doors and windows – campaigns for switching off computers when not in use.

Many of these improvements were achieved thanks to "do it yourself" works performed by the students.

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