

THE EXPERIMENTALIST

Mozambique 2010

The Science and Technology Magazine for young people

Volume 1 Nº 5



Technology: Wind Turbines and Generators - 2

Construction: The Galvanometer

Community: Mosquito Trap

World Technology: The Large Hadron Collider

Editorial

Less than five percent of households in Mozambique have electricity supplied to the house. To provide for all within the next few years would be impossible; imagine the amount of posts, cables and transformers that would be needed! But today, energy is essential for anyone who wants a more modern life.

All the world wants at least light in the home - a candle or a kerosene tin with a wick in it, which are too dim to study by. How can our children study at night? Batteries for torches are too expensive to use for a long time. Perhaps you have sufficient money to buy a rechargeable battery, but how can you charge it?

A solar panel would be good but it costs too much. Are there alternatives? The photos above show members of the Spark Group developing their wind generator, and a small wind generator on a Mozambican house.



(Rev: 2011/09/22 15:45)