

THE EXPERIMENTALIST

Mozambique 2010

The Science and Technology Magazine

Volume 1 Nº 2



Editorial

In today's modern world, everyone should know something about electricity, especially if you have electricity supplied to your home. It is also true if you have no electricity supply, but have a cell phone and want to charge the battery.

Future editions of The Experimentalist will give details of simple methods of charging batteries without a supply of electricity to your house. If you are a school student, you also need to understand electricity for your exams.

Of course you learn the theory in school books, but you probably do not have practical work experience. This edition of "The Experimentalist" demonstrates practical experiences to complement your theoretical studies. This edition presents the first part of a series of lessons on electricity. Future editions will continue to follow the course and will include electronics. You must do experiments for yourself.

You will find it interesting to make a model of an electric motor, described in these pages. Make one; you can easily get the necessary things.

This magazine is written by the Grupo Faísca (The Spark Group). An article in this edition describes some of the work of the Group.

**Technology: Electricity
Course Part 1**

**World Technology:
Skype**

**Construction:
The Electric Motor and
How to make a Bamboo
Torch**

**O Grupo Faísca:
Demonstrations in Schools**