



Challenge

Cover Feature



Andrew



Where is the Eco Home?

It is in Mong Kok. Have a go at the games.

G02

Natural energy can power up our homes as seen in the CLP Eco Home. It uses **electricity** produced from **renewable** energy. Below are some activities you can do at the CLP Eco Home.

Solar energy

Energy that comes from the Sun is solar energy. Some calculators **operate** by using energy from a little **solar panel** instead of batteries. The kids are turning solar energy to motor energy by shining light on toy cars installed with mini-solar-panels.



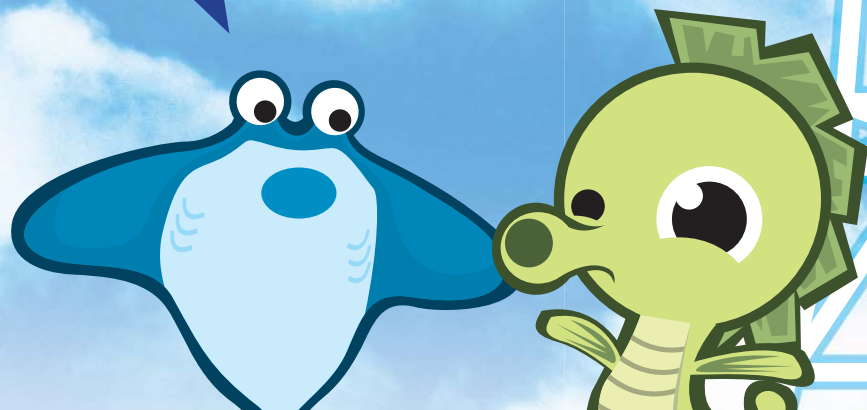
Hydro energy

This is the scientific name for water energy. Just like wind energy, it turns kinetic energy (動能) into usable energy. The kids are turning kinetic energy by riding to electrical energy by riding on a stationary bike.



Organic energy

It is another word for bio-energy (生物能). Animal **excrement** and food leftovers are source of **organic** energy. These substances have chemicals such as, carbohydrates that are digested by micro organisms and bacteria. At the CLP Eco Home, you can learn more about different organic resources:



CLP Eco Home

If you want to know more about natural energy and how it works, visit the Eco Home!

Date: from now until late February 2011

Opening hours: noon to 8pm

Venue: CLP Eco Home, 188 Sai Yeung Choi Street, Mong kok, Kowloon

Website: www.clponline.com.hk/pages/informationhub.aspx



Vocabulary

electricity (n) 電力
renewable (adj) 再生的

operate (v) 開動
solar panel (n) 太陽電池板

excrement (n) 排泄物
organic (n) 有機的

