



## Renewable Energy

Here are a few hints to help you in your research on Renewable energy.

### Question and Answers

Some questions you might like to ask/answer;

- Is the weather in this location suitable for this type of renewable energy? (Windy, sunny etc.)
- How will the electricity reach those who need it?
- Will the construction of the necessary machines/buildings affect the local environment?
- Is the landscape suited to the type of renewable energy being considered? (Hilly, coastal etc.)
- How much will this cost, and how much energy will it produce? Is it worth it?



### Question your sources

You might like to find out who has written the information you are looking at. Are they making money from selling what you need to install? Think about whether you can totally trust what they say. Consult more than one source so that you can see if everybody has the same point of view.

### Links for the Internet

**Remember** to follow any internet safety rules when using these links. Adults may want to check that the links are still suitable to use.

#### **Solar power**

- Kids and energy - <http://www.kids.esdb.bg/solar.html>
- Solar in the Schools - <http://www.solarenergy.org/answers-younger-kids#6>
- NeoK12 - <http://www.neok12.com/Solar-Energy.htm>

#### **Hydro-electric power**

- Water science for school - <http://ga.water.usgs.gov/edu/hyhowworks.html>
- Energy-saving trust - <http://www.energysavingtrust.org.uk/Generate-your-own-energy/Hydroelectricity>
- TVA Kinds - <http://www.tvakids.com/electricity/hydro.htm>

#### **Wind power**

- Energy-saving trust - <http://www.energysavingtrust.org.uk/Generate-your-own-energy/Wind-turbines>
- AE Kids - <http://www.alliantenergykids.com/EnergyandTheEnvironment/RenewableEnergy/022397>
- technologystudent.com - <http://www.technologystudent.com/energy1/wind8.htm>

#### **Wave power**

- BBC - <http://www.bbc.co.uk/learningzone/clips/wave-power-hydroelectricity-and-wind-farms/475.html>
- Pelamis - <http://www.pelamiswave.com/wave-power>
- Think quest - <http://library.thinkquest.org/06aug/01335/tidal.htm>

