

Climate Chaos

Day 4 Afternoon session: What we can do; Energy conservation at home

Activity 2: Design an energy-efficient home

Time required: 1 hour

You will need

- Drawing paper and pencils

Aim

- To reinforce the learning from the rest of the day about how buildings can be designed to use less
- fossil fuel energy.

What to do

This activity can be done by either individuals or small groups.

Remind the pupils of what they have just learnt about insulation and all the things they learnt about buildings and energy in the morning activity.

Ask them to design an energy-efficient home. They should make a drawing and then label all the energy-efficient features. If possible allow time for the children to show and talk about their designs.

For anyone wanting to know more about how buildings can be designed to need less fossil fuel energy, [Renewables in Scotland](http://www.esru.strath.ac.uk/EandE/Web_sites/01-02/RE_info/passive_solar.htm) is a very clear and reasonably accessible site, though some of the language is a bit technical so children would need help from an adult to explore it. http://www.esru.strath.ac.uk/EandE/Web_sites/01-02/RE_info/passive_solar.htm