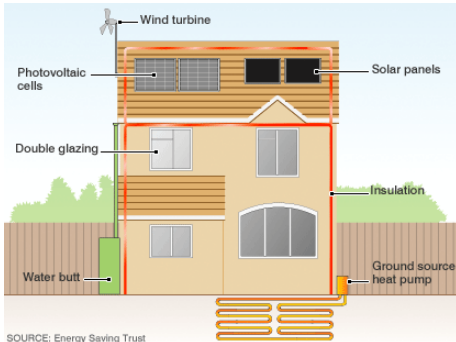


Year 7 Homework Project

Design an eco-friendly, sustainable house

What do I have to do?



You must produce

- (a) a drawing (with labels) or a model of your house to show the main design features
- (b) a piece of writing to explain what you have done to make your house eco-friendly

Your house design must be attractive – if it isn't, no-one will want to live there!

How long should I spend on the task?

This is an extended homework task. You should spend your 30 minutes homework each week for the next 6 weeks on the project. You might want to spend more time on your work if you are enjoying it, but this is optional.

I don't know how to get started with the task. What shall I do?

Think about the work that you have done in your geography lessons. The 'Back to the Future' unit is all about sustainable designs and sustainable living. Maybe you will be able to use some of the ideas from your work on Dubai to help you design an eco-friendly house?

There are some really good websites that allow you to build a house and then see how eco-friendly it is. The following sites are particularly useful:

www.mysusthouse.org

www.myabodo.com

Don't forget to think about what building materials you will use, how to make your house energy-efficient, and how your house interacts with its surroundings as part of a sustainable community.

How will my work be marked?

You will be given a National Curriculum level for your work. Have a look at the level descriptions to see what you have to do to achieve each level.

If your work is at your NC target level, you will receive a level two good news slip.

If your work is above your NC target level, you will receive a level three good news slip.



Level 3

You write in short sentences and give brief descriptions of the environmental features of the house. You might have copied from sources without putting them into your own words.

Level 4

You give more detailed descriptions of some of the environmental features of your house, but some features are still only labelled with their names (eg. water butt; solar panels). You have included some geographical words in your report. You have tried to write in your own words rather than copying from sources.

Level 5

Your descriptions are detailed and you have begun to explain why you have included some of the design features. Your work shows evidence of your own ideas and you have included a conclusion/summary. There is evidence of independent research.

Level 6

You describe the environmental features of your house in detail and explain how they work together to make your house eco-friendly and sustainable. You use a wide variety of geographical words in your report. You have presented a conclusion and have begun to evaluate the design of your house.

Level 7

As level 6, but you also explain how your house could fit into a sustainable community. You explain how a sustainable lifestyle is needed as well as an eco-friendly home.

