

## Real Cool Futures Geography Lesson Chunk

**Subject area links:** Geography (Renewable Technologies)

Exploring sustainable development in Geography KS3 Programme of study 1.6b

**Age group:** KS3

**Timer:** 15 minutes

### Why do this:

The aim is to use the Real Cool Futures website so that students can relate subject material to specific 'real life' situations or their future lives/careers. This activity is suited to a lesson looking at renewable energy (wind, wave/tidal, hydro-electric, biofuels, solar, etc) as a response to climate change.

### Activity:

- Students are asked to list all the jobs they can think of that are linked to renewable technologies. E.g. From the planning stage through to research and design, sales and marketing through to installation and aftercare/servicing. This could be undertaken as a Think – Pair – Share activity (which the teacher could then write on the board).
- Students are asked if they had ever thought of a career/job in an industry such as these? Q & A can follow to explore students' responses. E.g. If they hadn't thought of these previously, why not? How long do they think these jobs have existed for?
- Teacher can show students a video clip from [www.realcoolfutures.com](http://www.realcoolfutures.com). Depending on the group this could be:

Danny Francis	Solar Panel Installer
Dan Hammond	Wind Energy Technical Project Manager
Andy Tanner	Solar Panel Installer & Business Owner
Redwan Choudhury	Green Energy Innovation Executive
Will Vooght	Renewable Energy Regulatory Affairs Officer

- Finally, a Q & A session could explore students' responses to what they have seen in the video(s). For example:
  1. What are your thoughts about the job(s) you have seen? Positive or negative?
  2. Has this given you any ideas / inspired you about what you could achieve?
  3. Do you know where you can find out more information?

