

Lesson Plan: Careers (age 14 – 16) – Electrical & Electricity related.

Lesson Overview

1. Connect the learning

This lesson can be used as part of a careers day or in a careers sessions. This particular lesson plan focuses on electrical and electricity related careers using case studies from the following range of sources:

www.230volts.org.uk/careers

www.skillset.org/film/jobs/lighting

www.goodday.org.uk/Careers/Careers-Information

www.eisforedfenergy.co.uk/engineering/profile.html

It is recommended that a cross section are selected from these sites. The lesson framework can be applied to other sectors, as long as you have sufficient case study information to help students compete activities.

2. The big picture

Many students say they have a vague idea of what kind of work they would like to do. When they are asked to be more specific about what exactly they would do in a job, they find it hard to answer. This lesson gives them an opportunity to focus on real-life jobs through the use of case studies.

3. The learning outcomes

Students should understand what career opportunities are available to them within a sector. They should know where to go to find out more, and what their career progression options are.

4. Introduction 10 minutes

Start by asking the students to work in pairs. Each pair selects a case study from the examples provided. Before reading the case study, the students answer a number of questions about the work of the person in the case study.

5. Activity 30 minutes

The pairs assess themselves on key skills. After reading the case study they decide if their skills profile suggests that they would be suited to do the job of the person in the case study when they leave school, college or university.

6. Demonstration 15 minutes

Finally, the students go back to the original questions – can they answer them now?

7. Review and preview

Select relevant video clips to watch from those available at:

www.230volts.org.uk/careers

www.goodday.org.uk/Careers/Case-Studies/16

Working in groups, ask each group to create a voiceover and storyline for the clips, with a view to each clip being an advertisement for that particular job. What have they learnt about these particular employment sectors and jobs?

Worksheet: Careers – Electrical & Electricity Related.

To complete this worksheet you will need a copy of one of the careers case studies supplied by your teacher.

Starter

First of all, without reading the case study try answering the following questions:

1. What do you think the job mentioned in the case study would actually involve on a daily basis?
2. What qualifications would you need to do this job?
3. What personal skills would help you to be good at this job?
4. Why do you think this should be a rewarding job?
5. How well do you think you would do in this job?

Paired activity

Working in pairs, discuss the following questions, applying them to each other. Put a tick under the heading you think is most relevant.

Is your paired partner:

	Yes	No	Don't Know
A good communicator?			
Interested in this kind of work?			
Patient?			
Helpful?			
Able to cope with change?			
Able to motivate themselves?			

Now read the case study. When you have finished reading the case study, discuss how suited you think you would be for the job in the case study, basing your decision on the results of the activity above.

Plenary

Finally, working in pairs again, test each other on the questions marked 1-5 above. What have you learnt in today's session?

Extension activity (optional)

Create an advertisement for TV using one of the video clips as the film footage. It is up to you to create a voiceover and maybe even a soundtrack to accompany the clip. You can find out more about electrical and electricity related careers by going to www.230volts.org.uk.