



lesson plan

Topic/Title of project: Renewable vs. conventional power stations

Goals:

- Students expand their knowledge on different generators of energy and divide the different power stations in the categories renewable and conventional. They define the terms renewable and conventional energy.
- Students learn how different power stations generate energy. They develop a first idea of its advantages and disadvantages.
- Students improve their language skills by discussing the position of the given cards for their mind maps and explaining their choice.

Time	Phases/content	GA ¹	Material	Comments/Notes
1. Introduction/Warm up				
10'	Video: Advertisement of German energy supplier RWE shows different forms of how to generate energy Task: <u>write down the different generators of energy</u> that are shown. You can write it down in your mother tongue.	D	Video "Energieriese" ²	
	Collection of different power stations on the board, already structured in two categories. Hint: There are two sides -> forms of energy differ on the raw material that are used. Teacher gives and explains the words "conventional" and "renewable" if not named by students.	D	board	
2. Preparation of product/Project work/...				
20'	Making mind maps (see worksheet) and defining renewable and conventional energy	team	Worksheet, cards	
3. Presentation				
15'	Mind-maps are on the walls. Students compare the different versions, explain their versions and discuss differences.	D		

Things to organize/prepare before the lesson:
copy cards for the group work, install technical equipment to show video

¹ Group arrangement, i. e. team, D=discussion in class

² <https://www.youtube.com/watch?v=VBHlpxVFi50>