

Worksheet 3

How does a coal-fired power station work?

Task 3

1. Inform yourself in the internet about how it works:
<https://de.wikipedia.org/wiki/Kohlekraftwerk>

Read up to: "The emission of sulphurous compounds together with nitrogen oxides are regarded as the main source of acid rain and the resulting damage to trees and plants – forest dieback – has had a significant public impact..."

Tip: Use the following 5 steps to help you



1. **Get a general overview:**
Skim through the text, looking especially at the headings and sub-headings.
2. **Ask questions:**
Formulate the "W questions"¹, to which the text could give answers.
3. **Read carefully:**
Clarify the meaning of words you do not know, mark passages in the text that you did not understand with a question mark and underline the text's most important statements and key terms.
4. **Arrange the text into subsections and summarise these:**
Decide on a heading for each paragraph that summarises the contents in as few words as possible.
5. **Formulate the key statements:**
In your own words formulate the text's key statements.

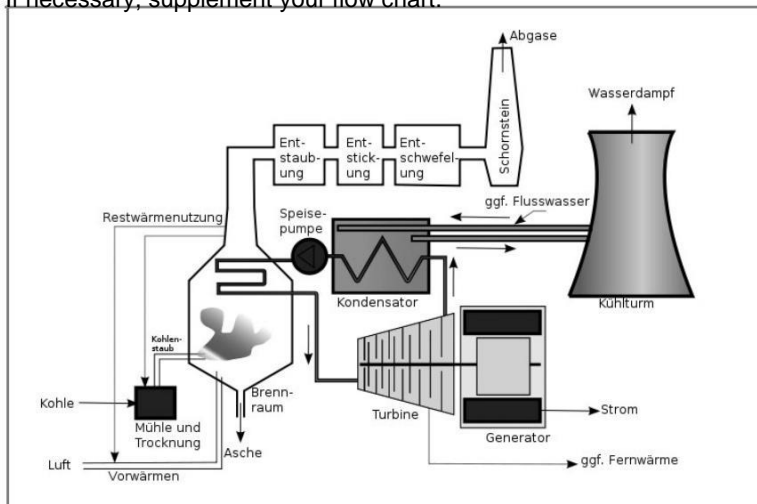
1) Who? What? When? How? Why?

2. Compile a flow chart of the processes.

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3. Now watch the related video: <https://www.youtube.com/watch?v=HZfPUXo7D58>
 If necessary, supplement your flow chart.



4. Return to your team of four and explain to the others, using the illustration and your flow chart, how a coal-fired power station works.

Source: <https://commons.wikimedia.org/w/index.php?curid=565862>