

Worksheet 4

How does a photovoltaic installation work?

Task 4

1. Inform yourself in the internet about how it works.

<http://sms.ckw.ch/content/ckwsms/de/startseite/mittelstufe/solaranlage-erklaert.html>

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 you 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:

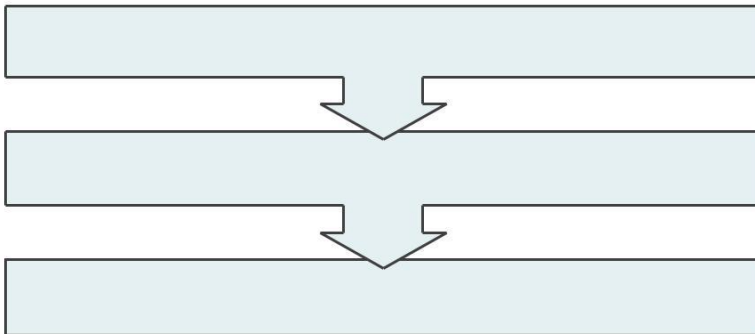
Decide on a heading for each paragraph that summarises the contents in as few words as possible.

5. Formulate the key statements:

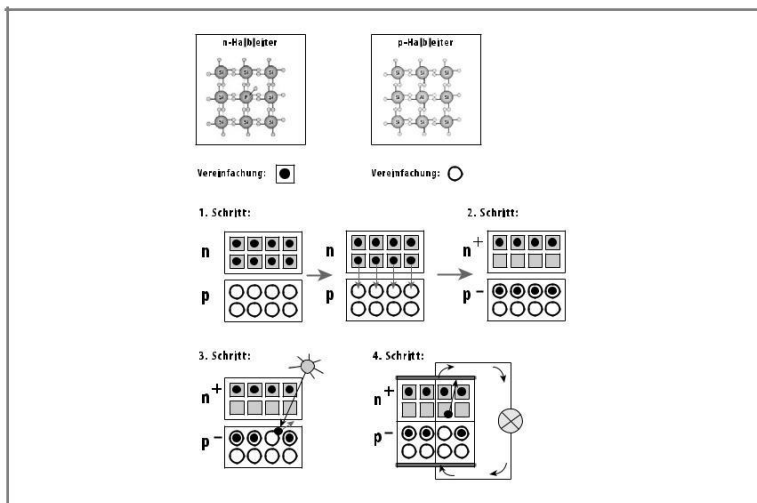
In your own words formulate the text's key statements.

¹) Who? What? When? How? Why?

2. Compile a flow chart of the processes.



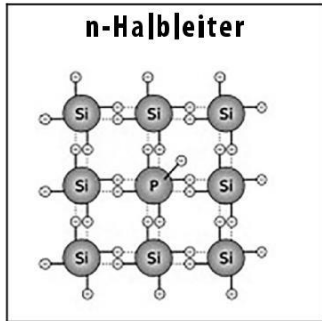
3. Now watch the related video: <https://www.youtube.com/watch?v=HH4NJs8sOCY> <https://www.planet-schule.de/sf/multimedia-interaktive-animationen-detail.php?projekt=solarzelle>. If necessary, supplement your flow chart



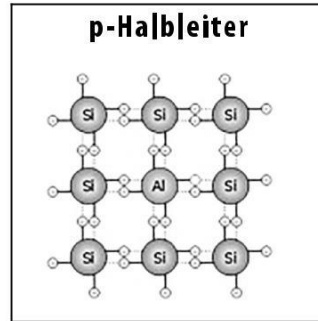
See copy template

4. Return to your team of four and explain to the others, using the illustration and your flow chart, how a photovoltaic installation works.

Photovoltaic power plant



<https://de.wikipedia.org/wiki/Dotierung>

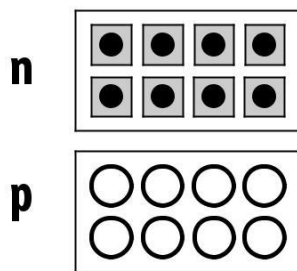


<https://de.wikipedia.org/wiki/Dotierung>

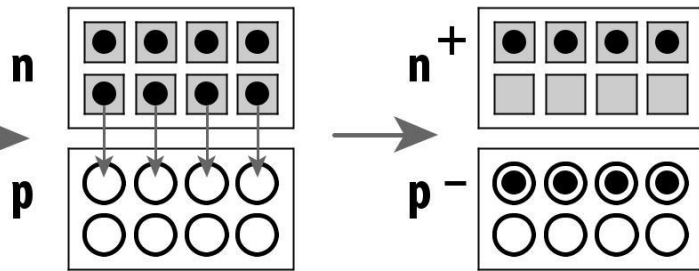
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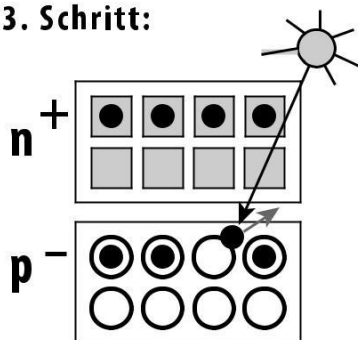
1. Schritt:



2. Schritt:



3. Schritt:



4. Schritt:

