

## ChatGPT on the Virtual Linguistics Campus

There are several learning paths on the VLC:















- the self-directed navigation through the sections of a learning unit
- the sequential navigation through the sections of a learning unit
- the use of the "Guiding Questions" of a learning unit.

The Guiding Questions (c.) constitute sets of never more than ten content-related questions with hyperlinks that lead to the web pages where the explanations and solutions are given. Thus, one mastery principle is to be able to answer these Guiding Questions without assistance. In the "How to Proceed" sections, the questions were presented like this (Topic "Basic Concepts in Syntax"):

1. What is a [sentence](#) and what problems does the concept of a sentence evoke?
2. What is a [minor sentence](#)?
3. What are the properties of [major sentences](#) and what types of major sentences do you know?
4. What is a [phrase](#)? Give at least three examples!
5. The definition of [word classes](#) is based on paradigmatic relations. Discuss.
6. The [structuralist approach](#) towards word classes generalizes traditional concepts. Which ones?
7. Analyze the following sentence formally:  
*Mrs Miller regrets that many of her good old friends, who she grew up with, have moved to London.*

Since the end of 2022, we have been using the option to ask Generative AI such as ChatGPT and have them answer our questions. This opens up a fourth learning path. Instead of utilising the guiding questions of a learning unit via their hyperlinks, our VLC users can now alternatively forward the questions to the chatbot and receive their answers at least in text form. In the meantime, we have embedded the entire VLC knowledge into a customized bot called "OpenAI Help" leading to a higher accuracy of the answers.

In the "How to Proceed" sections, it now looks like this:

No.	Question	OpenAI
1.	What is a <a href="#">sentence</a> and what problems does the concept of a sentence evoke?	 
2.	What is a <a href="#">minor sentence</a> ?	 
3.	What are the properties of <a href="#">major sentences</a> and what types of major sentences do you know?	 
4.	What is a <a href="#">phrase</a> ? Give at least three examples!	 
5.	The definition of <a href="#">word classes</a> is based on paradigmatic relations. Discuss.	 
6.	The <a href="#">structuralist approach</a> towards word classes generalizes traditional concepts. Which ones?	 
7.	Analyze the following sentence formally: <i>Mrs Miller regrets that many of her good old friends, who she grew up with, have moved to London.</i>	 

With a simple mouse click on the "VLC GPT" Symbol you can now forward the questions directly to the new chat bot which will provide a quality-assured answer. Nevertheless, our recommendation is: "use VLC GPT for a quick info but apply the VLC options for a deeper understanding."