

AI in the Writing Process – podcast series

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Basic principles for using AI



- Don't replace learning with artificial intelligence. Use it to support learning.
- Always check with your teacher whether you may use AI and to what extent.
- Always report the use of artificial intelligence appropriately.
- Review and follow the artificial intelligence guidelines of your university, faculty, and department.
- Use Copilot with your JYU credentials as your first choice.



Issues of authorship and responsibility



- You are always responsible for any work you submit for assessment, including errors made by artificial intelligence.
- Presenting artificial intelligence output as your own work is plagiarism.
- Your contribution must be significant enough for you to be able to claim the text as your own.
- Artificial intelligence is not a scientific source and often produces false information (Wei et al. 2024)

Wei J. et al. 2024: Measuring short-form factuality in large language models. ArXiv preprint. <https://doi.org/10.48550/arXiv.2411.04368>

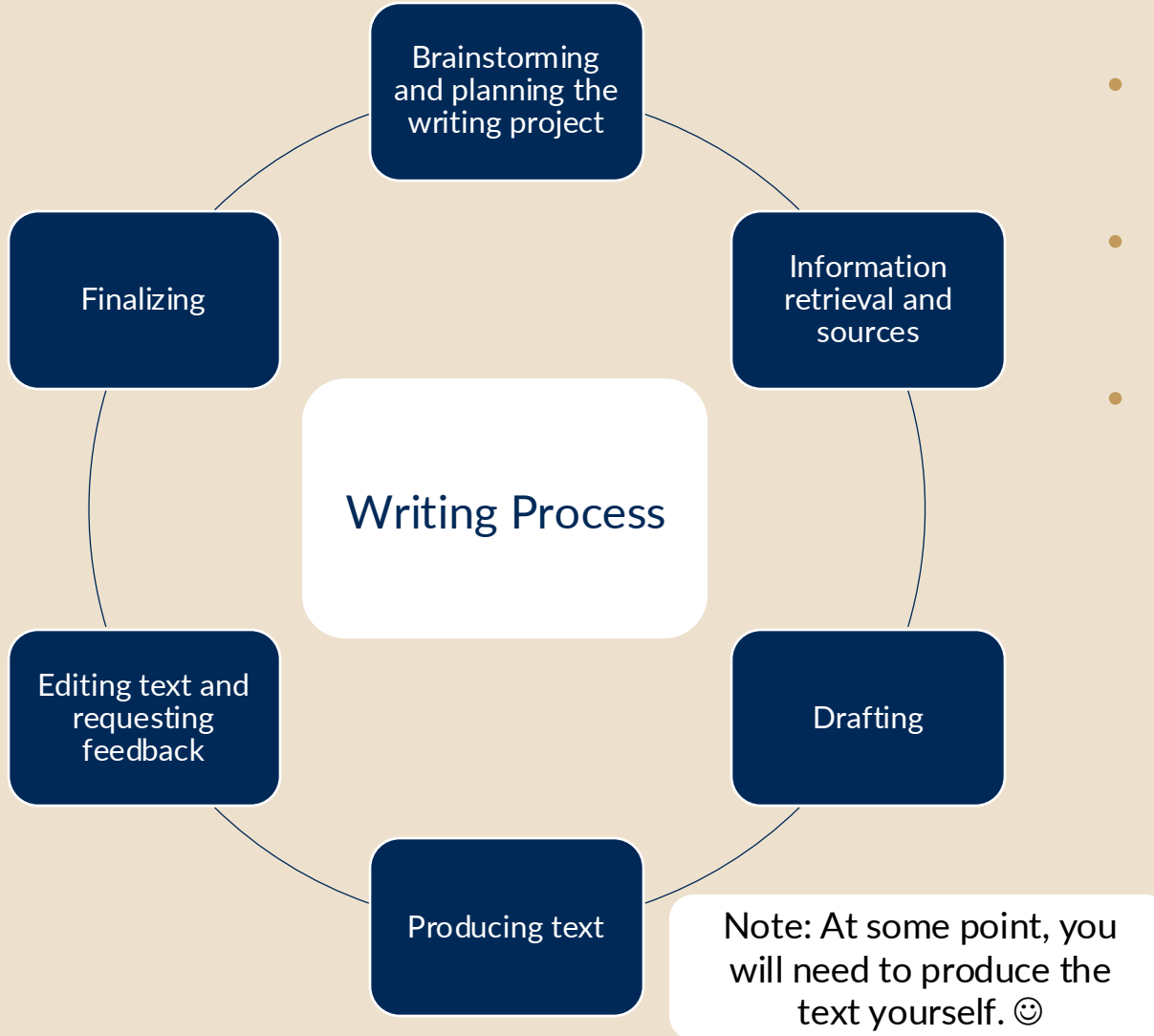


Creating prompts = prompting



- Write in the chat what you want the AI to do.
- The more specific the prompt, the better the result.
- Check the instructions for the application you are using.
- General Guidelines
 - Give artificial intelligence a role to play.
 - Give precise and specific instructions.
 - Give examples.
 - Tell AI *what* you want it to do and *how* you want it to do it.
 - Avoid negative sentence constructions.

Introduction to the podcast series



- In this podcast series we create an essay from beginning to end with the help of AI.
- We present how to use AI ethically and appropriately.
- With the podcasts, we share additional material and prompts.

Adapted from: Väliverronen, E. 2002. Writing as a process. In M. Kinnunen & O. Löytty (eds.) Scientific writing. Vastapaino, 83-94.

Reporting the use of AI



- Report the use of artificial intelligence appropriately.
- Follow the instructions given by your teacher first and foremost.
- Use a template (see below and in complementary materials) for reporting:
 - If you did not use generative AI tools in the learning task, report back:

"I did not use AI tools in the task."

- If you used generative AI tools in a learning task, copy, complete and paste the following text at the end of your submission:

"I have used the AI tool [AI tool] [version number / date] in the learning task. I used AI for [which purpose, at which stage of the process]. I verified the suitability of the AI suggestions by [how did you verify?]. I built on the [ideas / suggestions / text] generated by the AI tools as follows: [how did you build on it? What is your contribution to the work]."

Reporting on the use of artificial intelligence



- Example of a report:

We have used the following AI tools for the learning task: ChatGPT-4o (used on 4.5.2024), Microsoft Copilot (used on 5.5.2024), Keenious (used on 5.5.2024) and Napkin.AI (used on 6.5.2024). We used ChatGPT to outline the structure of the essay. We verified the suitability of ChatGPT's suggestions by checking that the proposed structure fits the assignment and is logical. We worked on ChatGPT's proposed structure ourselves, changing the position of paragraphs to make them more logical and adding coherence to the text. We searched for background information and statistics using Copilot. We verified the accuracy of Copilot's proposals by critically reviewing the data sources they linked to. We also searched for scientific information using Keenious. In addition, Figure 2 was created using Napkin.AI and we checked its content ourselves.