

Critiquing Your Response when Learning with AI

In the following section, the elements of SIFT method (Caulfield, 2019) as discussed by Dani Dilkes in her book, *Domains of AI Awareness for Education* (Dilkes, 2025) are elaborated on and used as a guide to how to critically evaluate a GenAI's response!

- **Stop**
 - What part of this response is crucial that I understand?
 - What part of this response is crucial that I get right?
 - How do I know this part is correct?
- **Investigate the Source**
 - When last was the genAI trained?
 - What is the last date of knowledge acquisition?
 - On what data was the genAI trained?
- **Find Better Coverage**
 - Where in my textbook can I find this information?
 - Where in my notes can I find this information?
 - How is the GenAI's response same/different than the information in my notes/slides/textbook?
- **Trace Claims**
 - How does the GenAI respond to the prompt: "Share links to the sources you used to provide this information"?
 - Does it provide links? Do the links make sense/match the information provided?
 - How does the GenAI respond to the prompt: "Provide citations to articles, videos, or other resources that support your answer"?
 - Does it provide links? Do the links make sense/match the information provided?

References

Caulfield, M. (2019, June 19). *SIFT (The Four Moves)*. Retrieved from Hapgood:
<https://hapgood.us/2019/06/19/sift-the-four-moves/>

Dilkes, D. (2025). *Domains of AI-Awareness for Education*. London, Ontario: Centre for Teaching and Learning, Western University.

Use the following box to follow the SIFT method for a genAI prompt you are critically evaluating!