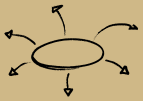# How Faculty Can Support Student Learning with Generative AI

This guide shows how Generative AI can support, not replace, student learning. AI can scaffold the process for students who struggle to brainstorm, organize, understand, or refine ideas. By thoughtfully integrating AI into your teaching, you can provide students with ready-to-use prompts that help them use AI as a tool for learning through challenges. For more information, visit Generative AI at Vanderbilt.

Brainstorm Topics

- Choosing topics
- Identifying key details
- Addressing counterarguments
- Overcoming creative blocks in writing

Organize Ideas

- Synthesizing content
- Structuring content coherently for written or oral responses
- Aligning work with assignment requirements

Review Concepts

- Applying course concepts to real-world situations
- Breaking down difficult concepts via self-tutoring
- Handling supportive tasks

Revise & Edit

- Addressing language barriers for ESL and students with disabilities
- Revising writing for style and context
- Editing for clarity and brevity

Prompts to Give Your Students

Ask me questions to help me choose a topic for a 5-7 minute speech. I'm interested in video games and basketball. You should ask me open-ended questions until I have a clearly defined topic for my speech. Ask me the first question.

You are an experienced research consultant. My paper ideas include... Can you help me group these ideas into five logically distinct categories that could serve as the major sections or supporting arguments of an academic paper?

As an economics tutor, guide me with questions about alienation and capital. Continue until I can explain both concepts in my own words and give a real-life example. Suggest academic resources if needed. Start.

Do not rewrite this email draft to my professor. As a writing consultant, identify three areas to improve its professionalism, tone, and structure.

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