# A Spectrum of Student Gen AI Use in the Classroom

*This graphic illustrates various levels of* ***student*** *generative AI use as an educational tool or aid for learning. Use it to guide how you determine permitted student AI use and communicate your AI usage policies.* ***Clearly outline requirements, risks, and considerations given the approach you choose****. Ensure that your* ***student AI use*** *guidelines are provided in writing. An opt-out should be available unless the learning outcome explicitly references AI.*

## Degrees of AI Integration

### Limited or Guided AI Use

AI provides structured guidance and supports basic skills reinforcement as a supplementary learning tool.

### Measured AI Use

AI supports more complex learning tasks, fostering creativity, critical thinking, collaboration, and feedback, but learners remain responsible for the final output.

### Integrated AI Use

AI tools are integrated into various parts of the learning process, empowering students to take control of their learning.

## Categories of AI Use

### 1. Idea & Design Aid

* **Limited or Guided Use**
  + **Description:** Brainstorm ideas, structure, or standards.
  + **Sample Prompt:** “Identify five ways to be more persuasive.”
* **Measured Use**
  + **Description:** Outline templates, ideas, or concepts; revise, regenerate, or expand on inputs.
  + **Sample Prompt:** “Generate a template for an entry-level sales position.”
* **Integrated Use**
  + **Description:** Draft new content (e.g., copy, code, image, music, image, or artwork).
  + **Sample Prompt:** “Create a 3-year business plan for a start-up company.”

### 2. Critical Thinking Partner

* **Limited or Guided Use**
  + **Description:** Describe, outline, or summarize thinking models, arguments, criteria, or perspectives.
  + **Sample Prompt:** “Suggest arguments for and against solar energy.”
* **Measured Use**
  + **Description:** Analyze arguments, evidence, and viewpoints; make predictions; ask questions.
  + **Sample Prompt:** “Review this analysis and identify weak points and questions to help me refine my work.”
* **Integrated Use**
  + **Description:** Propose novel arguments based on criteria; examine the work of others; act as a thinking partner.
  + **Sample Prompt:** “Be a thinking partner to formulate a new approach to packaging a product.”

### 3. Editing & Feedback Partner

* **Limited or Guided Use**
  + **Description:** Identify errors, issues, mistakes, or limitations.
  + **Sample Prompt:** “Check my work for spelling, grammar, and punctuation mistakes.”
* **Measured Use**
  + **Description:** Improve the clarity, coherence, and quality of code, writing, or other content.
  + **Sample Prompt:** “Rework this paragraph for clarity and a refined argument. Summarize what was changed and why.”
* **Integrated Use**
  + **Description:** Revise or restructure content; provide editing and enhancement suggestions.
  + **Sample Prompt:** “Provide suggestions for how to restructure content and the benefits of the restructuring.”

### 4. Research Aid

* **Limited or Guided Use**
  + **Description:** Explain information, data, and statistics; gather basic information or resources.
  + **Sample Prompt:** “Describe the history of the computer and credible sources for further research.”
* **Measured Use**
  + **Description:** Summarize research; locate research using specific search parameters.
  + **Sample Prompt:** “Identify key research on lab-based meat production from academic sources in the last 3 years.”
* **Integrated Use**
  + **Description:** Analyze research and literature; develop research projects.
  + **Sample Prompt:** “Develop a research question correlating active learning and learner motivation in theory courses.”

### 5. Personalized Learning Support

* **Limited or Guided Use**
  + **Description:** Reinforce basic skills through AI-led repetitive practice and immediate feedback.
  + **Sample Prompt:** “Use an AI-driven flashcard app that can adapt to your performance.”
* **Measured Use**
  + **Description:** Suggest ideas for staying organized and keeping track of study time.
  + **Sample Prompt:** “Suggest effective study techniques and a weekly study plan for mastering thermodynamics concepts.”
* **Integrated Use**
  + **Description:** Provide personalized interactive learning for role play, simulations, and debate.
  + **Sample Prompt:** “Create a scenario with guided questions so I may analyze market trends in the green tech industry.”

### 6. Group Work Support

* **Limited or Guided Use**
  + **Description:** Assist basic group tasks, ensuring that human interaction remains central.
  + **Sample Prompt:** “Make a schedule for group meetings, a template for meeting notes, and principles for effective group work.”
* **Measured Use**
  + **Description:** Provide meeting notes, summaries, and suggestions for effective group work.
  + **Sample Prompt:** “Summarize our meeting notes and make an action plan for our group project on market analysis.”
* **Integrated Use**
  + **Description:** Enhance collaboration and productivity throughout group learning.
  + **Sample Prompt:** “Provide a problem-solving process and use AI-driven analytics for assessing our group performance.”

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