Lesson Planning with Generative AI

8 ideas to incorporate AI to promote creativity and enhance efficiency

Lesson planning is time-consuming, so here are eight ways generative AI can help ease the workload — keep in mind that educators should always apply their expertise to refine the AI tool's outputs.

1. Brainstorming and refining ideas

Talk through ideas with AI like you would with a colleague.

> **Try this prompt:**
> "I'm planning a lesson on [insert topic]. What are some engaging activities or discussion topics that I can include to make the lesson more interactive and informative for [grade level] students?"

2. Lesson timing

Ask AI to help you schedule your activities to fit within a designated time block.

> **Try this prompt:**
> "Here is my lesson on [insert topic and paste lesson below]. Can you help me schedule the activities for a 45-minute block?"

3. Differentiation ideas

Get suggestions on how to differentiate lessons for different learning needs.

> **Try this prompt:**
> "I'm teaching a lesson on [insert topic and paste lesson below] to a mixed-ability class. How can I differentiate the activities in the lesson pasted below to ensure all students, including those who are struggling and those who excel, are engaged and challenged?"

4. Warm-up or wrap-up activities

Add 5-minute opening and closing activities to enhance your lesson plan.

> **Try this prompt:**
> "What are some quick and effective warm-up activities for this lesson on [insert topic and paste lesson plan below]? I also need a fun closing activity that reinforces the day's learning."

5. Quiz questions

Generate first draft quiz questions based on a lesson or text.

> **Try this prompt:**
> "Can you create a set of 10 quiz questions, including multiple-choice and short-answer formats, for this lesson on [insert topic and paste lesson below]?"

6. Changing lesson structure

Turn a whole-class lesson plan into independent stations or a playlist.

> **Try this prompt:**
> "I have a lesson on [insert topic and paste lesson below] that I'd like to convert into independent learning stations. Can you suggest how to break down the content into different stations and provide activities for each?"

7. Designing rubrics

Get help differentiating the requirements for each section of a rubric.

> **Try this prompt:**
> "I'm creating a rubric for [insert name of project and paste description and first row of rubric below]. Can you help me outline the criteria for each rubric section based on the examples below?"

8. Sub plans

Add instructions or modifications to a lesson plan to support a substitute teacher.

> **Try this prompt:**
> "I need to prepare a substitute lesson plan for [insert topic and paste lesson ideas below]. Can you provide a simple, step-by-step guide that includes instructions for activities, materials needed, and key points to cover?"

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