

List AI Teacher Tools

AI Teacher Tools for Secondary

<u>Tool</u>	<u>What It Does</u>	<u>Access</u>
Google Gemini	AI built into Google Workspace. Use it to brainstorm lesson ideas, generate rubrics, summarize responses, or turn Google Docs into Slides.	Full access, part of our EDU Google account. gemini.google.com
NotebookLM (Google)	AI-powered research and note-taking tool. Upload Google Docs, PDFs, or web articles, and it automatically summarizes, explains, and connects ideas — great for lesson prep or student research projects.	Free for Google accounts. notebooklm.google
Khanmigo (Built into Canvas - Khan Academy)	AI teaching assistant built specifically for educators. Generates lesson hooks, activities, parent emails, and student feedback aligned to academic standards. Don't have to be good at prompting, can use the pre-built features to get started.	Free for teachers, inside Canvas. khanmigo.ai
Canva Magic Write + Canva AI	Built into Canva for Education. Magic Write helps you draft lesson plans, captions, directions, or reflections; Canva AI tools help students and teachers design visuals, presentations, and infographics with ease.	Free for verified educators. canva.com/education
Brisk Teaching	Chrome extension that works inside Google Docs, Slides, and PDFs. Helps you differentiate lessons, give AI feedback, and check for originality. Can create guided notes for students based on a slideshow you upload.	Free tier available (premium adds more features). briskteaching.com
Diffit	Generates leveled reading passages, comprehension questions, and summaries from any text or URL. Great for differentiation and small-group instruction.	Free educator account. diffit.me
ChatGPT (OpenAI)	All-purpose AI chat tool for generating rubrics, quizzes, parent communications, and writing support. <u>Use this one to download QTI files for Canvas quizzes.</u>	Free plan includes GPT-4. chat.openai.com
Perplexity AI	Combines AI reasoning with verified web sources — great for research , lesson prep, and modeling critical thinking. Provides citations automatically.	Free plan with daily limits. perplexity.ai

Pro Tip: Clarity Beats Quantity

The more specific you are, the better your AI results will be.

If you give it a clear goal — “*Create three bell ringer questions for my 8th-grade science lesson on chemical reactions*” — you’ll get far better results than tossing out something vague like “*Give me ideas for science class.*”

Good results come from focus, not fishing.

Try This in Your Classroom

- **Gemini:** “Ask Gemini to generate three exit ticket questions about your current unit.”
- **Notebook LM Lesson Prep Shortcut:** Upload your lesson plan, a few related articles, or PDFs. Ask NotebookLM to “summarize key takeaways and make three discussion questions for my 7th-grade class.”
- **Khanmigo:** “Use it to script a parent email explaining an upcoming project.”
- **Canva AI:** Ask Canva with “code for me” to make flashcards for students to practice fact fluency.
- **Canva Magic Write:** “Ask it to draft learning objectives or a discussion prompt, then instantly turn it into a graphic in Canva.”
- **Brisk:** Upload your slideshow, then ask Brick to “Create guided notes for my 7th grade class.”
- **Diffit:** “Drop in a news article and create three reading levels.”
- **ChatGPT:** “Ask it to create a rubric aligned to your standard.”
- **Perplexity:** “Model how to fact-check AI using its cited sources.”

Responsible AI Use

- Always verify — AI can be *confidently wrong*. 🧑
- Never upload private information about yourself or your students. 🔒
- Use AI to *support* human thinking, not replace it. 🧠

CORE method for Prompting AI

The best method for prompting AI is **structured clarity** — giving the AI the right mix of *context*, *intent*, and *constraints* so it knows exactly what job it's supposed to do.

Shanda's Favorite Method for Prompting AI

Use the CORE Framework

This is clean, memorable, and classroom-friendly:

- C Context** – Tell the AI what it's helping with. "I'm a high-school English teacher preparing a unit on persuasive writing.", "My students are learning about the water cycle.", "This is for a parent newsletter about upcoming classroom events."
- O Output** – Specify what you want it to produce (e.g., "a 3-question quiz," "a paragraph summary," "a Google Classroom / Canvas announcement").
- R Role** – Give it a role or voice (e.g., "You are a middle school science teacher," "You are a student practicing for a quiz").
- E Examples** – Show or describe what "good" looks like ("Make it sound like this sample paragraph" or "Use this rubric as a model").

Example Prompts:

✗ "Write something about cells."

✓ "You are a 7th-grade life science teacher. Create a short, 3-question exit ticket about plant and animal cells that uses everyday examples. Format it as multiple choice."

Treat it Like a Conversation, Not a Command

AI works best in *iterations*.

Give feedback like you would to a student:

"That's close — now make it grade-appropriate for middle school."

"Add a real-world example and a quick reflection question."

You'll get better, faster results than starting over each time.

Be Specific, but Not Overloaded

You want *focused detail*, not a laundry list.

Tell it the purpose and constraints, not your entire curriculum binder.

✓ “Summarize this article at a 5th-grade reading level in 150 words.”

✗ “Write a long summary about this for kids with some questions and maybe add vocabulary and also examples of photosynthesis.”

Iterate + Reflect

Good prompts evolve. After each response, ask yourself:

“What worked well about that answer?”

“What would I change next time?”

That’s how we learn how different AI algorithms work and how to get the best results as quickly as possible.

[Prompt Library](#)

Not feeling confident writing your own prompts yet? Use this [prompt library](#) to help you get started with assessments, lesson plans, communication, rubrics, and ER student resources. You can copy and paste these prompts into Gemini, ChatGPT or Perplexity. Edit them to fit your needs, and watch what AI can do to support your vision for your classroom.

TL;DR

The best prompt is *clear, intentional, and iterative*.

Don’t ask AI to think *for* you — ask it to think *with* you.

How to Write Effective Prompts for Gemini in Workspace

4 Pro-Tips for Better Results

Aim for the 21-Word Sweet Spot

The most effective prompts average 21 words, but users typically try less than nine.

Make It a Conversation

Use follow-up questions to refine, iterate, and improve the initial response.

Anatomy of a Powerful Prompt

PERSONA: Assign a role.

Tell Gemini who to be (e.g., "You are a program manager...").

TASK: Give a clear command.

This is the most important part; always start with a verb (e.g., "Draft an email...").

CONTEXT: Provide background info.

Include relevant details or reference your own files (e.g., "...based on @[Project Plan]").

FORMAT: Specify the output.

Tell Gemini how to structure the response (e.g., "...in a table with three columns.>").

Use Your Own Documents

Personalize outputs by typing "@file name" to pull context from your Drive.

Always Review the Final Output

Generative AI is meant to help, but the final work is your responsibility.

[https://blog.tcea.org/prompt-engineering-basics/?utm_source=TCEA+Email+List&utm_campaign=d345248382-Daily+RSS+Email&utm_medium=email&utm_term=0_1b152a3998-d345248382-264531097&ct=t\(RSS_EMAIL_CAMPAIGN\)&mc_cid=d345248382&mc_eid=e99f476816](https://blog.tcea.org/prompt-engineering-basics/?utm_source=TCEA+Email+List&utm_campaign=d345248382-Daily+RSS+Email&utm_medium=email&utm_term=0_1b152a3998-d345248382-264531097&ct=t(RSS_EMAIL_CAMPAIGN)&mc_cid=d345248382&mc_eid=e99f476816)

Can I upload that to AI

Can I upload that to AI?

AI, Copyright, and Our Classrooms

Full article is linked above ^

Wait—Can I Upload That?

What Teachers Need to Know About AI, Copyright, and Classroom Content

In the age of Canva, ChatGPT, and endless Google results, it's tempting to grab whatever looks perfect for your next lesson. But here's the truth: **just because it's online doesn't mean it's fair game.**

AI didn't erase the rules—it multiplied them. Copyright, privacy, and your school's Acceptable Use Policy still decide what's safe to share.

Here's the quick version:

You CAN upload to AI when:

- **You created it yourself** (your lesson plans, worksheets, rubrics, etc.).
- **It's openly licensed** (Creative Commons or labeled "free for reuse").
- **You have explicit permission** from the author, publisher, or copyright holder.
- **You've stripped personal info**—no student names, photos, or identifiable data.
- **You're using a secure, approved tool** provided by your district or trusted vendor.

You CANNOT upload when:

- The material belongs to a **textbook, curriculum company, or paid resource** (even if you bought it).
- It's from **another teacher** or website that doesn't explicitly say you can reuse or remix.
- It includes **student work, assessments, or private data**.
- It's **copyrighted content** (songs, art, photos, writing) that you don't own or have permission to use.

What about if I'm using my school's Gemini Workspace account that doesn't use the data for training?

Sure, but (and yes, there's a but)

Even though you're on a safer version of Gemini, **that doesn't mean you're free to upload anything** without checking other factors. You still must consider:

- **Copyright:** If the content you upload is copyrighted and you don't have rights/permission, you could still be in violation.
- **Student data & privacy:** Even if the tool doesn't train on your data, if you upload identifiable student info or sensitive data, you risk breaking privacy/FERPA etc.
- **Acceptable Use Policy (AUP):** Your school/district may have rules about what kinds of material can be shared with AI tools, regardless of the vendor's data-policy.
- **Licensing:** Even openly-licensed content needs the correct terms (reuse, remix, commercial, etc.).

The Recommendation

Before you upload any teacher or student work into Gemini (even the safe school-version):

1. **Check the district's Responsible Use Policy** – see if there are restrictions on AI tool uploads.
2. **Strip or anonymize student-identifiable info** before uploading.
3. **Check the material's rights** – did you create it? Is it licensed for reuse? Is it copyrighted content from a third party?
4. **If ever unsure**, use a version of the tool as “input only” (for your own created content) or ask your tech/privacy team.

Golden Rule:

If you didn't create it—and it's not clearly labeled for reuse—**don't upload it to AI.**

Use AI to generate *your* ideas, improve *your* materials, or summarize *public domain* info. But never treat someone else's work (or student data) as AI fuel.

What does the **CA Responsible Use Policy (RUP)** say about AI?

Here are the basics:

1. **Use only CA-approved tools** (like Gemini for Education) for any AI or online activity.
2. **Never upload copyrighted materials or student data** into AI tools, emails, or cloud platforms.
3. **Assume everything you do on a school account is reviewable.**
4. **When in doubt, ask** IT or your supervisor before using new software or services.
5. You must **sign the RUP** to acknowledge you understand and will follow it.

Teacher Quick Check Before Uploading to AI

Using Gemini (School Account Edition)?

Good news — your data isn't used to train Google's models.

Bad news — that doesn't mean you can upload anything you want.

Here's your *5-step gut check* before hitting "enter."

1. Did YOU create it?

If it's your original work — a lesson plan, rubric, or slide deck — go ahead.

If it's from a textbook, curriculum guide, or another teacher's materials — **stop right there.**

2. Do you have the RIGHTS?

Only upload materials that are:

- **Public domain**
- **Creative Commons licensed** (check the terms!)
- **Explicitly shared for reuse**
Otherwise, it's still copyrighted — even if you found it on Google.

3. Does it contain STUDENT info?

Never upload:

- Names, grades, photos, essays, or identifiable details

AI privacy settings ≠ FERPA compliance. Strip personal info first.

4. Does it match your RUP?

Your **Responsible Use Policy** still rules.

Only use district-approved AI tools (like Gemini for Education) and follow whatever your tech department allows.

5. When in doubt, don't upload.

If you wouldn't post it publicly, don't feed it to AI.

Ask yourself: *"Would I be okay if this ended up in someone else's results?"*

If not — keep it local.

Bottom Line:

AI can help you plan faster, differentiate better, and brainstorm creatively — but **you're still responsible for what you share.**

Gemini keeps your data safer, not law-free.

Assessments with AI



AI Prompt Template: Create a Canvas Quiz from a YouTube Video

This prompt as-is will give you 20 self-grading Canvas questions.

Read through the Pro Tips below for ideas on how to add variety to your questions.

Pro Tip

Before running this prompt, clarify your intent; the clearer your direction, the better your quiz.

“Focus questions on cause and effect,”

“Include 3 higher-order questions based on Bloom’s Taxonomy.”

“Provide a range of DOK questions from 1-4”

Role:

You are an **AI quiz designer for teachers using Canvas LMS.**

Task:

I will provide a **YouTube video link**. Your job is to:

1. Watch or analyze the video and identify key learning objectives.
2. Write **20 self-grading multiple-choice questions** (A–D) based on the video content.
3. Clearly mark the **correct answer** for each question.
4. Add **feedback** for both correct and incorrect responses:
 - *Correct feedback*: Reinforce why it’s correct.
 - *Incorrect feedback*: Explain the misconception or point the student back to the right concept (include a timestamp if relevant).
5. Export everything as a **Canvas QTI 1.2 quiz file** I can upload directly into Canvas.
6. Use the video title as the quiz name.

Formatting Requirements:

- Include:
 - Question text
 - Four answer choices (A–D)
 - Correct answer key

- Feedback for both correct and incorrect responses
- Provide me with a **downloadable .zip file** of the Canvas quiz.
- Make the questions clear, grade-appropriate, and aligned to comprehension and application—not trivia.

Input Example:

YouTube video: [PASTE LINK HERE]

Focus: [e.g., “main ideas and key concepts,” “application of skills,” “vocabulary comprehension”]

Grade Level: [e.g., 6–8, 9–12, college prep]

Output Example:

“Here’s your Canvas QTI quiz file for *The Water Cycle Explained*. Download below.”

Here’s a condensed version of the prompt

I want to create a Canvas quiz based on a YouTube video. Watch the video at [insert YouTube link here]. Write 20 self-grading multiple-choice questions that check comprehension, application, and analysis of the content. Each question should include:

- a clear, unambiguous question stem
- 4 answer choices (A–D) with one correct answer
- feedback for correct and incorrect responses that helps the learner understand *why* the answer is right or wrong

Format the output as a Canvas QTI 1.2 file that I can upload directly into Canvas. Include the correct answer and feedback in the file.