FOR TECHNOLOGY TEACHERS

40 chat prompts

Prompts for Technology Teachers.

Ready-to-use prompts for planning, teaching and reflection.

The right tool at the right time.
Part of the WISE Framework for Education at choosewise.education.

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Glossary

A few terms that recur throughout this guide. If you already know them, skip ahead to the framework on the next page.

AI — Artificial Intelligence

An attempt to make machines mimic brain functions — to "think" and learn roughly the way humans do. We don't fully understand how the brain works, but we can try to replicate the parts we do understand.

Prompt

An instruction given to a chatbot to get a desired response or task performed.

Iterate

After receiving a response from a chatbot, you refine and clarify the parts you're not satisfied with — sharpening the answer until it's what you want. The better your starting prompt, the fewer iterations you'll need.

Chatbot

A chatbot has been trained to find patterns in large amounts of text. It uses those patterns to generate a response to your prompt. The answer is produced in real time.

GPT

The underlying model (Generative Pre-trained Transformer) that a chatbot uses. The same GPT can power different chatbots — for example, Copilot and ChatGPT have both used OpenAI's GPT.

Generative AI

AI that creates (generates) text, images, video, or sound in real time when prompted to do so.

Bias

AI responses can be skewed or partial, depending on the data the AI was trained on and the biases present in that data. These biases are harder to spot in chatbots than in image-generating AI.

Hallucination

The text you receive from a chatbot is based on patterns in its training data, but word generation also involves randomness — meaning generated words can sometimes create a meaning that simply isn't true.

A framework for writing your own prompts

Role: Act as an experienced physics teacher.

Task: Create a lesson plan that introduces year 8 students to optics.

Context: I teach at a middle school, have 25 students in my class, and the lesson is 60 minutes long.

Format: Link content and activities to the physics curriculum and give me a plan that describes each part of the lesson and the materials required.

Tone: Use a formal but friendly tone.

A few chatbots to know

AI can also generate images and more, but we focus here on chat capabilities.

ChatGPT — OpenAI's chatbot

Gemini — Google's chatbot

NotebookLM — Google's tool that can, among other things, generate a two-voice podcast

Copilot — Microsoft's chatbot

Claude — Anthropic's chatbot

Perplexity — From San Francisco, was early to include source links

Duck AI — DuckDuckGo's chatbot, lets you pick among several GPTs

Mistral AI — A chatbot from France

Most chatbots have age restrictions.

BEFORE YOU START

How to use the prompts

All the prompts are starting points — examples to get you going.
Adapt them to fit your context.

After using a chatbot for a while, you'll learn what kinds of prompts work better or worse. Try the same prompt twice — first as-is, then with the prefix "Act as an experienced expert teacher in [subject]" — and see whether the quality of the response improves. A good response means a good prompt. A poor response means the prompt needs more context or adjustment. Some chatbots are better than others at certain tasks, so if you're not satisfied despite multiple tries, consider switching chatbot.

Brackets and privacy

You paste the prompt text into the chatbot's input field. Wherever brackets *[like this]* appear, replace the text inside with whatever fits your context.

Always double-check the responses — chatbot output is not guaranteed to be accurate.

Note: Think carefully before uploading texts or documents. Never upload personal data or sensitive information. Mind GDPR.

40 PROMPTS

Technology Teacher

01 Create a lesson plan for a *[grade X]* Technology class that meets the *[reference to current curriculum]* goals for *[specific focus, e.g. technical solutions]*, including an introduction and three activities.

02 Give me five strategies for motivating a *[grade X]* student who finds Technology difficult, with one simple and practical idea for each.

03 Write a short guide for teaching a *[grade X]* class a basic Technology skill (e.g. *[specific skill, e.g. building a bridge]*), with three steps and one example.

04 Suggest three ways to integrate *[specific theme, e.g. sustainable development]* into a Technology lesson for a *[grade X]* class, with one project for each.

05 Create a list of five short encouraging phrases to build a *[grade X]* student's confidence during a Technology project.

06 Give me an example of a routine for starting a Technology lesson with a *[grade X]* class, with three steps and a short problem-solving task.

07 Suggest three ways to use everyday materials (e.g. *[specific material, e.g. cardboard]*) in a Technology lesson for a *[grade X]* class, with one building project for each.

08 Write a short template for a 10-minute closing routine for a Technology lesson with a *[grade X]* class, covering three elements (e.g. reflection, presentation).

09 Give me five ideas for making a Technology lesson more playful for a *[grade X]* class, focusing on *[specific goal, e.g. construction]*, with one activity for each.

10 Create a list of three short reflection questions for a *[grade X]* class after a Technology lesson on *[specific theme, e.g. energy]*, to capture their insights.

11 Suggest three ways to collaborate with Science teachers at a *[lower secondary school]* to connect Technology with *[specific theme, e.g. physics]*, with one idea for each.

12 Give me an example of a simple assessment of a *[grade X]* class's technical skills in *[specific task, e.g. building a model]*, with three criteria.

13 Write a list of five resources (e.g. apps, videos) for a Technology lesson with a *[grade X]* class that support *[specific goal, e.g. the design process]*.

14 Suggest three ways to adapt a Technology lesson for a *[grade X]* student with *[specific need, e.g. motor difficulties]*, with one solution for each.

15 Create a weekly planning template for Technology for a *[grade X]* class, with three focus areas (e.g. construction, problem-solving, reflection).

16 Give me five ideas for using minimal equipment in a Technology lesson with a *[grade X]* class to explore *[specific theme, e.g. mechanics]*, with one example for each.

17 Suggest three ways to introduce a *[grade X]* class to *[specific technical concept, e.g. levers]*, with one hands-on activity for each.

18 Write a short guide for managing a disruptive Technology lesson with a *[grade X]* class, with three steps and one calming strategy.

19 Give me an example of a Technology lesson for a *[grade X]* class that combines Technology with *[specific theme, e.g. the environment]*, with three elements.

20 Create a list of three short ways to collaborate with Art teachers at a *[primary school]* to reinforce *[specific goal, e.g. design]*, with one example for each.

21 Create a lesson for a *[grade X]* class in which they build a simple model to solve *[specific problem, e.g. water storage]*, with three steps and one goal.

22 Give me five ways to make a theoretical Technology lesson more engaging for a *[grade X]* class, with one creative idea for each.

23 Write a short guide for teaching a *[grade X]* class to design a *[specific structure, e.g. a catapult]*, with three steps and one testing stage.

24 Suggest three ways to connect a Technology lesson for a *[grade X]* class to *[specific theme, e.g. digital technology]*, with one activity for each.

25 Create a list of five short hands-on activities for a *[grade X]* Technology class that strengthen *[specific goal, e.g. technical analysis]*, with a description for each.

26 Give me an example of a closing routine for a Technology lesson with a *[grade X]* class, with three steps.

27 Suggest three ways to use digital tools (e.g. *[specific tool, e.g. Tinkercad]*) in a Technology lesson for a *[grade X]* class, with one task for each.

28 Write a short template for a 5-minute reflection after a Technology lesson with a *[grade X]* class, with three questions about their technical solutions.

29 Give me five ideas for incorporating play into a Technology lesson with a *[grade X]* class, focusing on *[specific goal, e.g. strength and durability]*, with one game for each.

30 Create a list of three short ways to support a *[grade X]* student who is struggling with *[specific concept, e.g. circuits]*, with one example for each.

31 Suggest three ways to collaborate with Mathematics teachers at a *[compulsory school]* to connect Technology with *[specific theme, e.g. calculations]*, with one idea for each.

32 Give me an example of a simple plan for teaching a *[grade X]* class to build a simple machine within one lesson, with three steps.

33 Write a list of five simple Technology projects for a *[grade X]* class that strengthen *[specific goal, e.g. innovation]*, with a brief rationale for each.

34 Suggest three ways to manage a *[grade X]* class that loses focus during a Technology lesson, with one method for each.

35 Create a term planning template for Technology for a *[grade X]* class, with three focus areas (e.g. construction, theory, sustainability) and time frames.

36 Give me five ideas for creating a simple Technology exhibition with a *[grade X]* class, with minimal preparation, and one element for each.

37 Suggest three ways to introduce a *[grade X]* class to *[specific technical concept, e.g. programming]*, with one activity for each.

38 Write a short guide for supporting a *[grade X]* student with *[specific need, e.g. concentration difficulties]* in a Technology lesson, with three steps.

39 Give me an example of a lesson for a *[grade X]* class that combines Technology with *[specific theme, e.g. space exploration]*, with three elements.

40 Create a list of three short ways to collaborate with the student council at a *[compulsory school]* to reinforce *[specific goal, e.g. technological innovations]*, with one example for each.

CONTINUE ON THE WEB

The right tool at the right time.

This collection is part of a library of AI prompts for every role in the school — free to use, adapt, and share.

More prompt sets

Find prompts for principals, subject teachers, school leaders, support staff and more at choosewise.education/prompts

The WISE Framework for Education

Four questions that turn any "should we use this AI tool?" conversation into a structured decision — choosewise.education/wise

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