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#CSPDWeek2026

#CompSciNJ

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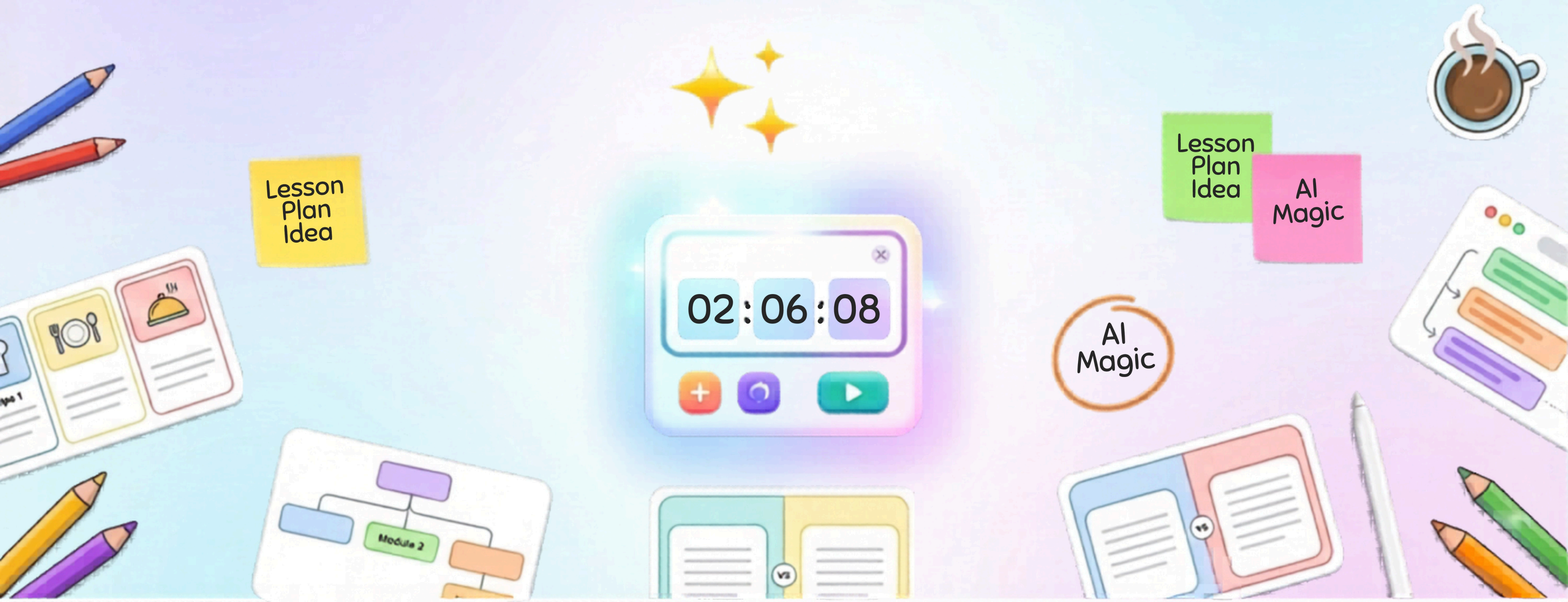


New Jersey CSPDWeek

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Canva Code for the Classroom

Bring Your Lessons to Life with 'Code for me'



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- 5th year teaching Kindergarten thru 4th grade Technology & Computer Science
- BA in Visual Effects and Motion Graphics
- Teaching Certification Kindergarten thru 5th
- CSTA Reginal Winner CS Teaching Excellence Awards 2025
- Taught 1st grade for 6 years
- Teach the Robotics Club
- Girls Who Code Club

Icebreaker

If you could wave a magic wand and instantly build one digital tool for your classroom right now, what would it be?



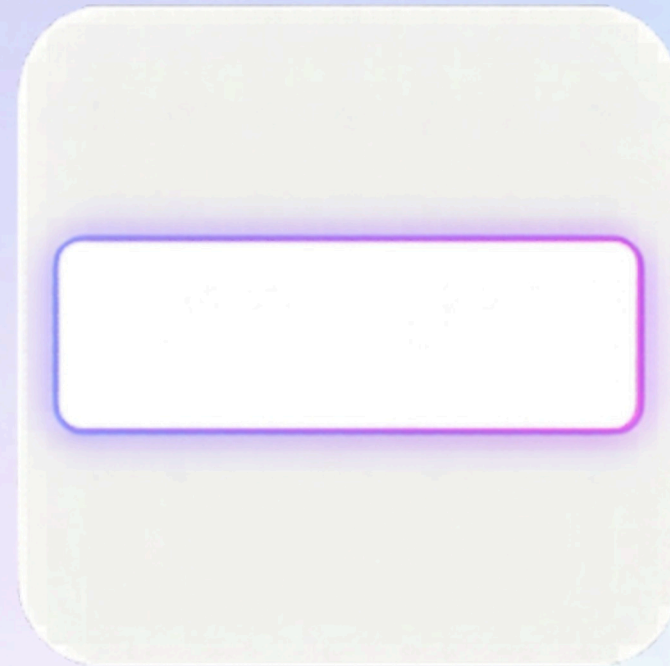
Quiz

Learning
game

Interactive
Station

Exit
ticket

What is Canva Code?



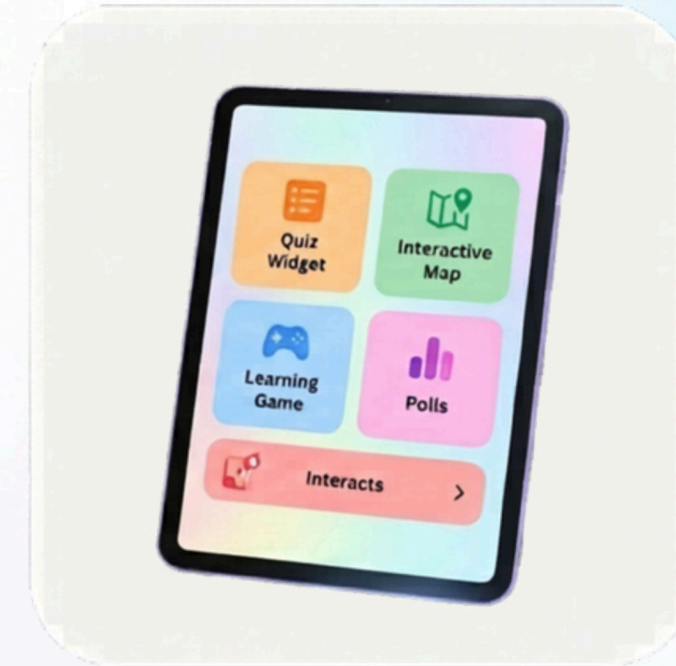
Conversational Design

You describe the tool you need in plain English. No coding required.



Agentic Orchestration

Canva interprets the intent and writes the HTML code for you in seconds.



Editable Web App

A fully functional, responsive widget ready for the classroom.

Functional, Not Flat. Embed directly into Canva Presentations, Whiteboards, or publish as standalone websites.

Describe your idea, and Canva AI will instantly write the code to build fully interactive widgets, games, and tools right into your lesson materials.

Why Teachers Might Love This



Classroom Management

Ditch the generic tools. Build highly specific, engaging utilities for daily routines.

Interactive countdown timers

Customized behavior charts

Transition tools



Formative Assessment

Create bespoke gamification tailored to today's exact lesson plan and grade level.

Animal sorting activities

Vocabulary matching games

Interactive flashcards



Immersive Content

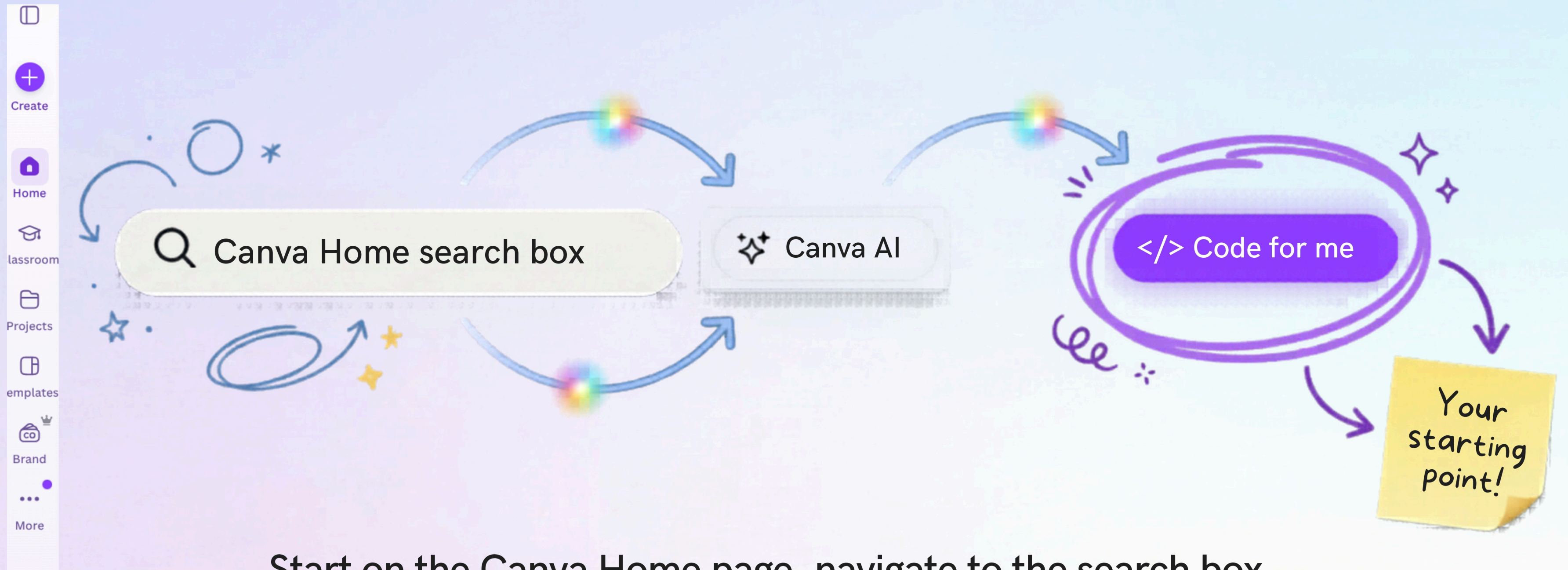
Bring abstract concepts to life with interactive visual learning aids.

Interactive historical timelines

3D space explorers

Color accessibility simulators

Finding the “Code for me” Studio



Start on the Canva Home page, navigate to the search box, select the Canva AI tab, and select Code for me.

Your Creative Starting Point

Today



New chat



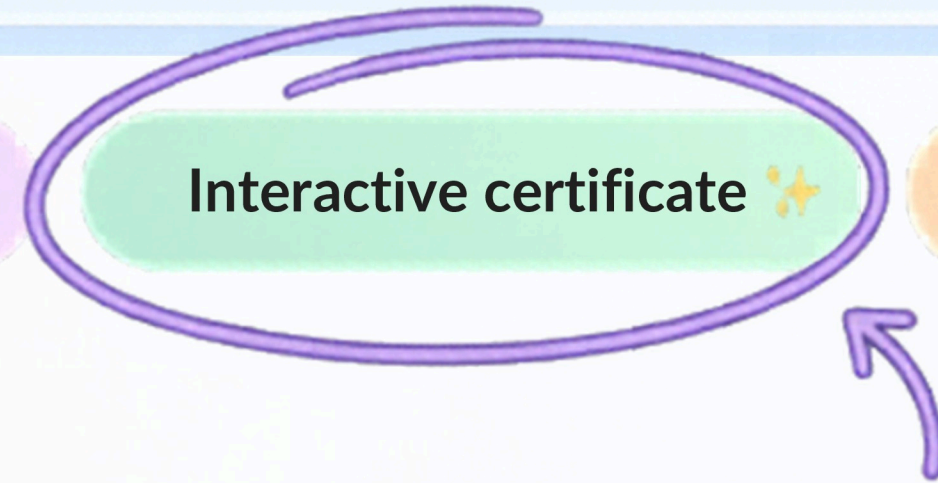
Describe your idea, and I'll code it for you



Grocery list builder ✨

Interactive certificate ✨

Biology quiz ✨

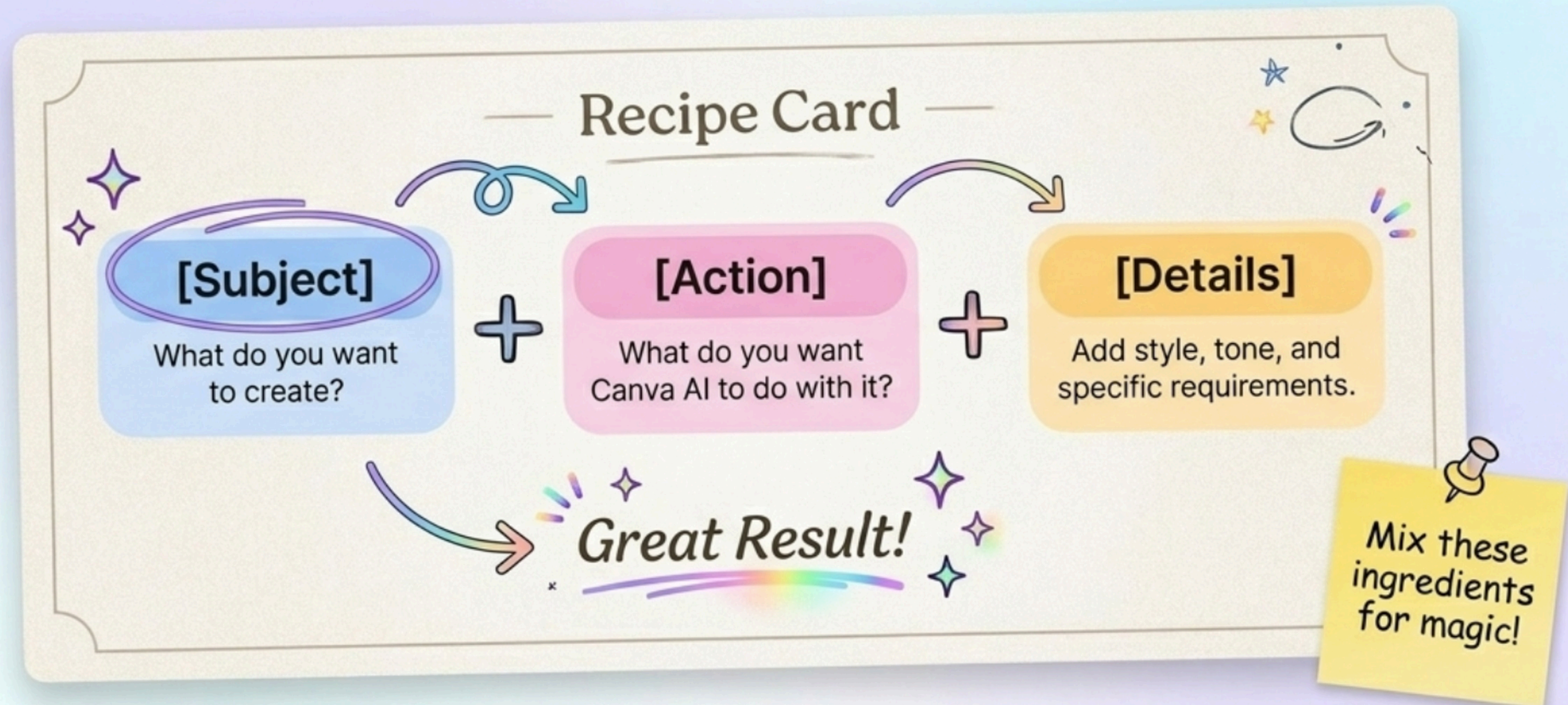


Safety Net: All your chats are auto-saved in the sidebar. You can return to them anytime to review or update your interactive lessons.

Type your prompt directly into the chat, or explore **ready-made prompts** to see what's possible.

The Secret Formula for Great Prompts

Getting the format right can be tricky. Structure your prompt using this simple recipe to give the Canva AI exactly what it needs for the best results.



EASY prompting

E = Explain what resource you need (e.g. game, sorting activity)

A = Assign the year level & topic/subject (e.g. year 4th grade computers)

S = Specify the content (e.g. quiz questions, drag & drop activity)

Y = Your own style (e.g. appearance, formatting)

Strong prompt

Subject
(Create)

Grade/ year or
class subject

Create a timer for my year 5 classroom.
Include the colors blue, yellow, and white. Make it feel like a cartoon.
Have confetti rain down at the timer's end. Make sure it is also accessible.

Style
(Details)

Function
(Action)

Teacher Note: Specifying accessibility features in your prompt ensures the AI builds in keyboard shortcuts and screen reader announcements automatically.



Canva Tips: Canva Code prompts to spark inspiration

Get started with a pocket-sized collection of ready-made Canva Code prompts that turn lesson ideas into interactive visuals, quizzes, and animations in minutes. Keep it on hand to boost engagement and creativity - no coding experience required, just copy, paste, and watch your classroom come alive.

Mr. Diaz

[Try Canva Code here](#)

Interactive vocabulary quiz

Create an interactive multiple-choice quiz titled 'Synonym or Antonym?' for [insert grade]. Include 8 questions, randomize answer order, give instant feedback after each question and display a final score out of 8.

Tip: Change the quiz title to change the content



Create a SMART journal

Create a student journal page with sections for SMART Goal, Week-at-a-Glance Tracker, and a Monday/Friday reflection text box that calculates progress percentage automatically. Make it student-friendly and aesthetic to look at.

Tip: Easily change the goal and time frame



Classroom behavior tracker

Design a visual poster titled 'Our Positive Points' with 30 student name slots that I can edit directly. Each name has a bar that fills from 0-10 and triggers a confetti animation when it hits 10.

Tip: Adapt the prompt if you want individualised student behavior trackers



Art remix challenge

Create a "Art Remix Challenge" widget where students are shown a famous artwork and given simple tools (like stickers, color filters, or brushes) to creatively remix or reimagine it. Include a "New Challenge" button that loads a new famous artwork to remix, with a playful and intuitive interface.

Tip: Be more specific if you want to focus on a specific art movement or artist



Animated life-cycle diagram

Design an animated step-by-step diagram of the butterfly life cycle (egg → larva → pupa → adult). Each stage appears on click with a child-friendly caption for [insert grade] Science.

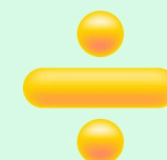
Tip: Change the animal to see a different life cycle



Fraction matching game

Create a "Fraction Matching Game" where students match different representations of the same fraction (e.g., number lines, shaded rectangles, sets of objects, and fraction notation). When a correct match is made, show a positive animation like a star burst ; if incorrect, gently highlight the mismatch and let them try again. Include a "Next Round" button.

Tip: Add a timer or number of rounds to give an end point



Sentence builder magnet board

Design an interactive sentence-builder board for [insert grade] that guides students to create sentences in the correct order. Provide 20 color-coded word magnets (nouns, verbs, adjectives, plus common articles) that students drag into a sentence strip to form and organize sentences. Include a "Read It Aloud" button that speaks the completed sentence.

Tip: For themed sentences just add detail into the prompt e.g. space or jungle



Want to learn more?

Why not try our 100% free microcredential now? Available on Design School.

[Take the course](#)



From Prompt to Prototype in Seconds

The Assistant

AI Chat

We are aavyssonand just ool; it explains your **exact** design choices, in inner functions, and accessibility features it included based on your recipe.



Cartoon Design Features:

- Playful "Fredrika One" font
- Bright blue/yellow/white scheme, Rounded corners
- Fun emojis



Timer Functions:

- Custom minutes, Large display
- Start/pause controls, Pulse animation



Celebration Features:

- Colorful confetti, Bouncing animations
- Cheerful message, Optional beep



Accessibility Features:

- Screen reader announcements
- Keyboard shortcuts

The Widget



The AI doesn't just build your tool; it explains the exact design choices, timer functions, and accessibility features it included based on your recipe.

Your New Superpower

What used to take hours of manual coding now takes minutes of conversation. Go from a spark of inspiration to full student engagement in a single planning period.



Speak Your Mind

Hands full? Tap the microphone icon to speak your prompt or suggest iterations out loud. Let the AI type while you teach.



USAGE

Restriction	What it controls	Free	Pro/Teams/Education/Nonprofits	Business/Enterprise
Daily chat limit	Prompts and follow-up messages sent in Canva Code	20/day	60/day	60/day
Monthly Premium-equivalent allowance	How many Canva Code creations can be generated	Up to 20	Up to 200	Up to 400
Monthly Standard equivalent	If only Standard AI tools are used	Up to 200	Up to 2,000	Up to 4,000
Monthly Ultra equivalent	If only Ultra AI tools are used	No access	Up to 20	Up to 40

Current Canva Code Connectivity Limits



Canva Sheets Data Storage

Canva Code can collect and save form entries, quiz answers, booking requests, and other user responses **directly in Canva Sheets**. It does not provide unrestricted, built-in connections to external databases such as MySQL, PostgreSQL, or Firebase.



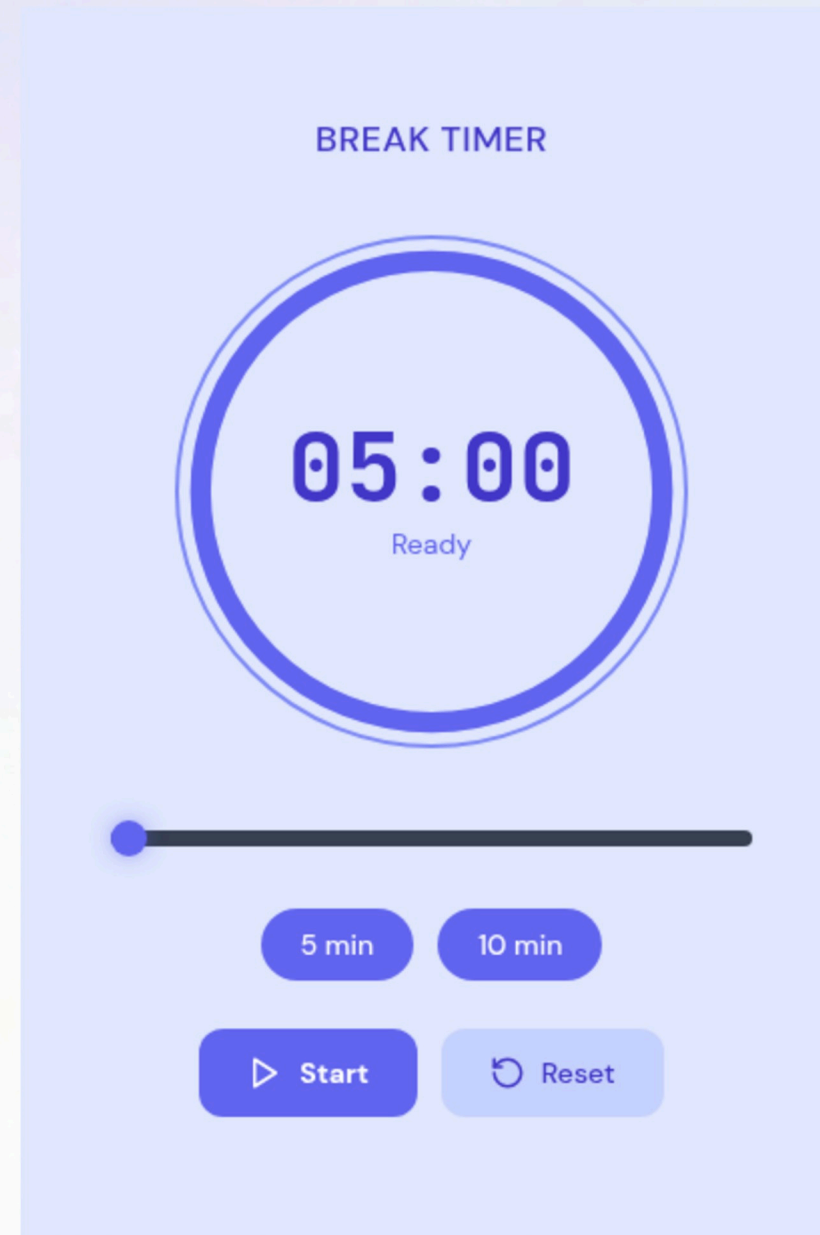
Limited Third-Party Integrations

Canva Code does not automatically provide two-way syncing with services such as Google Calendar. Advanced connections may require Canva APIs, Data Connectors, the Apps SDK, or another external service.



Bottom line: Canva Code works well for interactive activities and rapid prototypes, but advanced external connections **may require developer tools**.

10 min Break



Demo

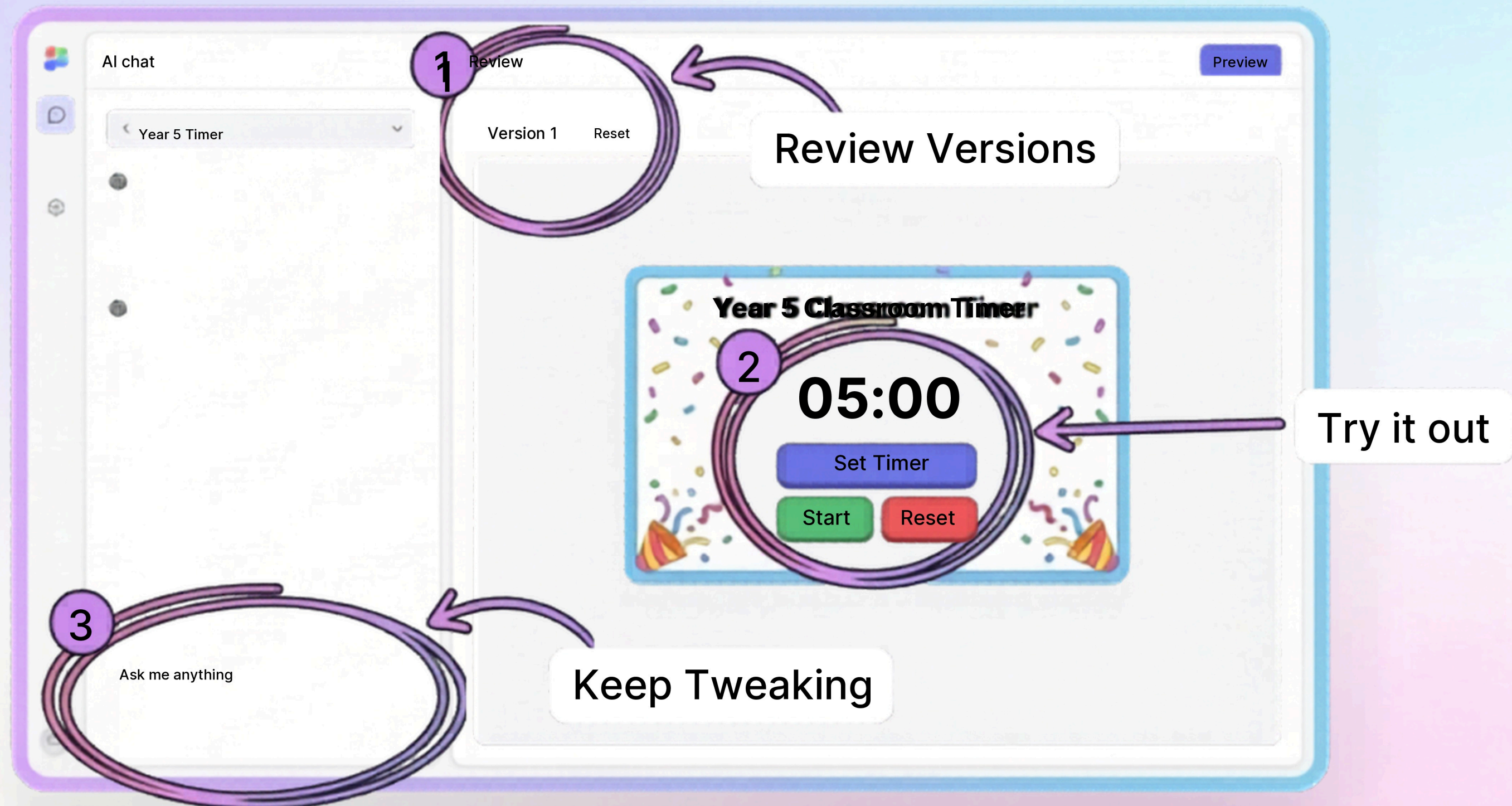


Guided Practice



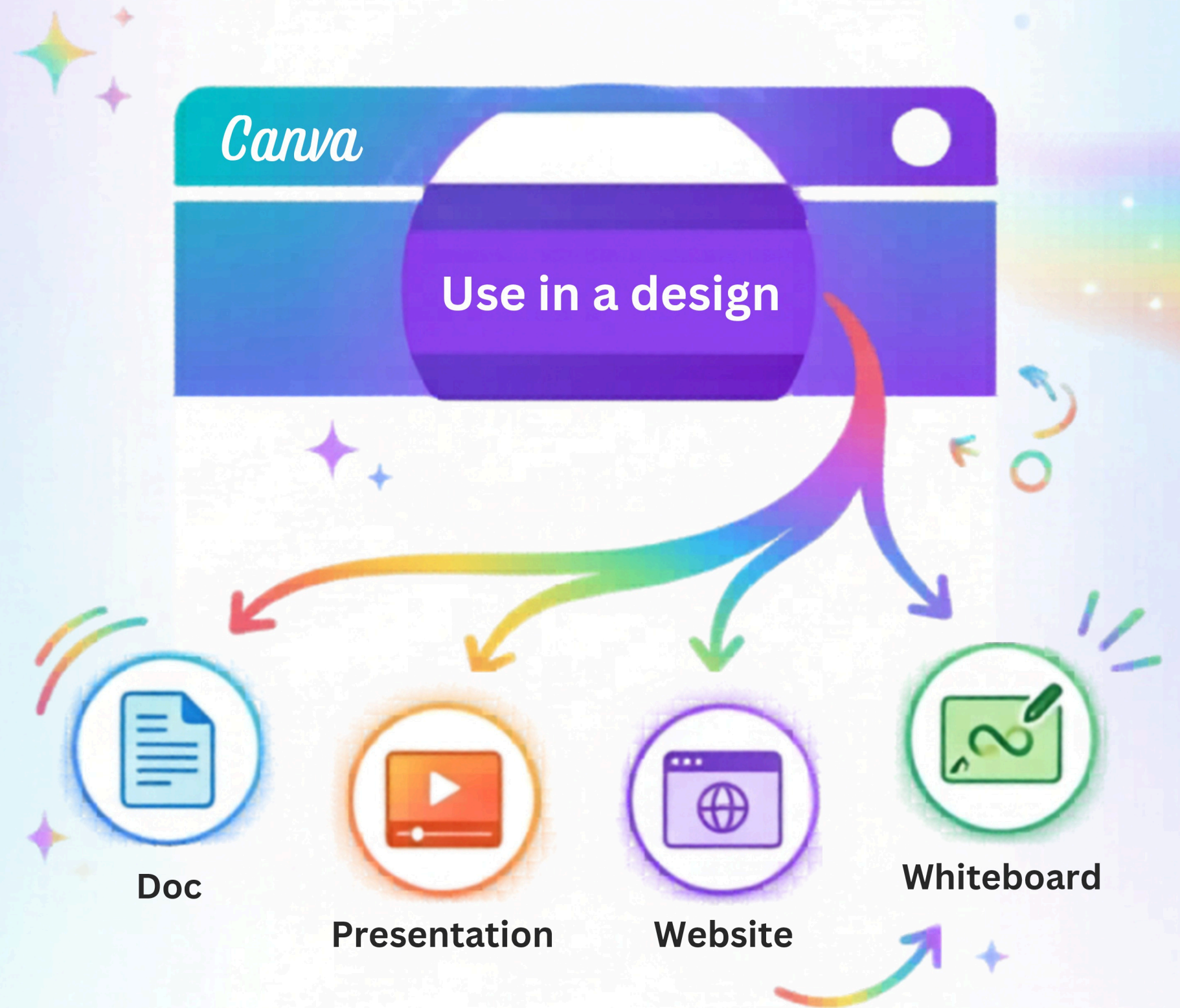
Iterate Until It's Perfect

Your first result is just a starting point. Test your widget live, review past versions, and chat with the AI to tweak the details until it perfectly matches your classroom needs.



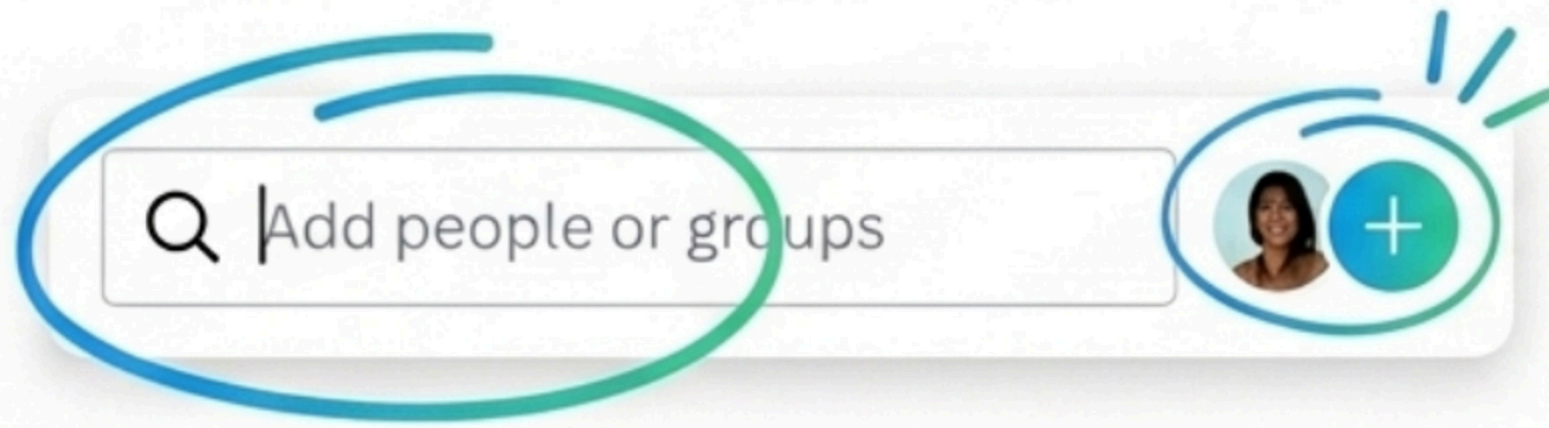
Bring It Into the Classroom

Once your widget is ready, it's time to launch. Click "Use in a design" to seamlessly drop your creation directly into your lesson materials.



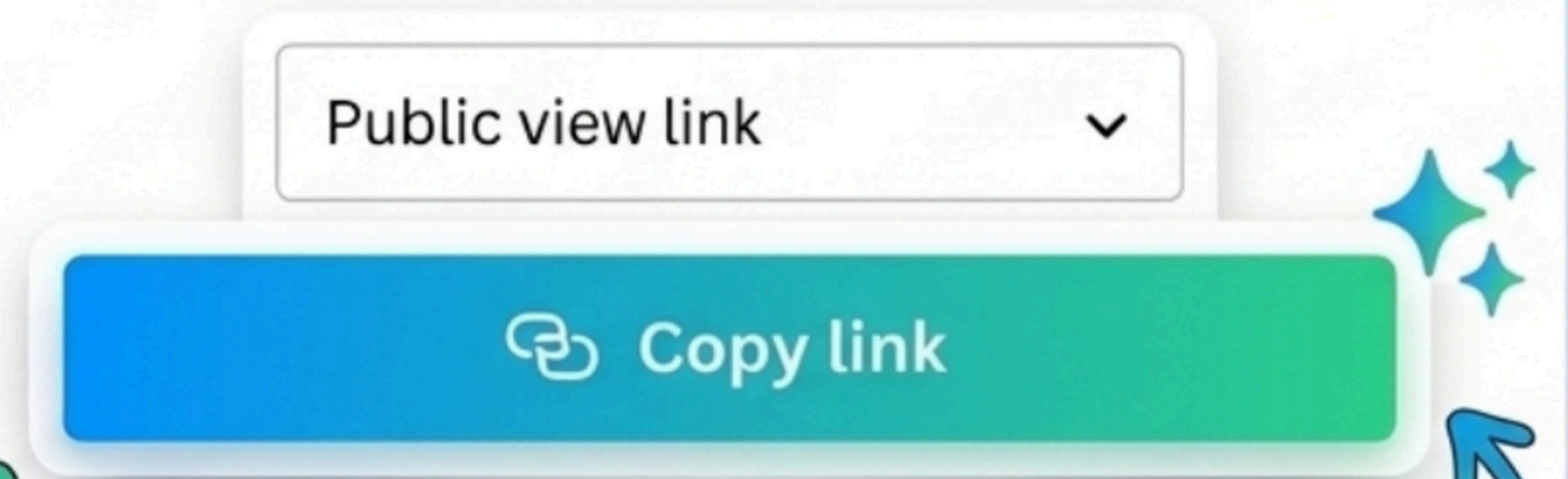
Share the Magic ✨

Collaborators



Add fellow educators as collaborators directly via email or group selection.

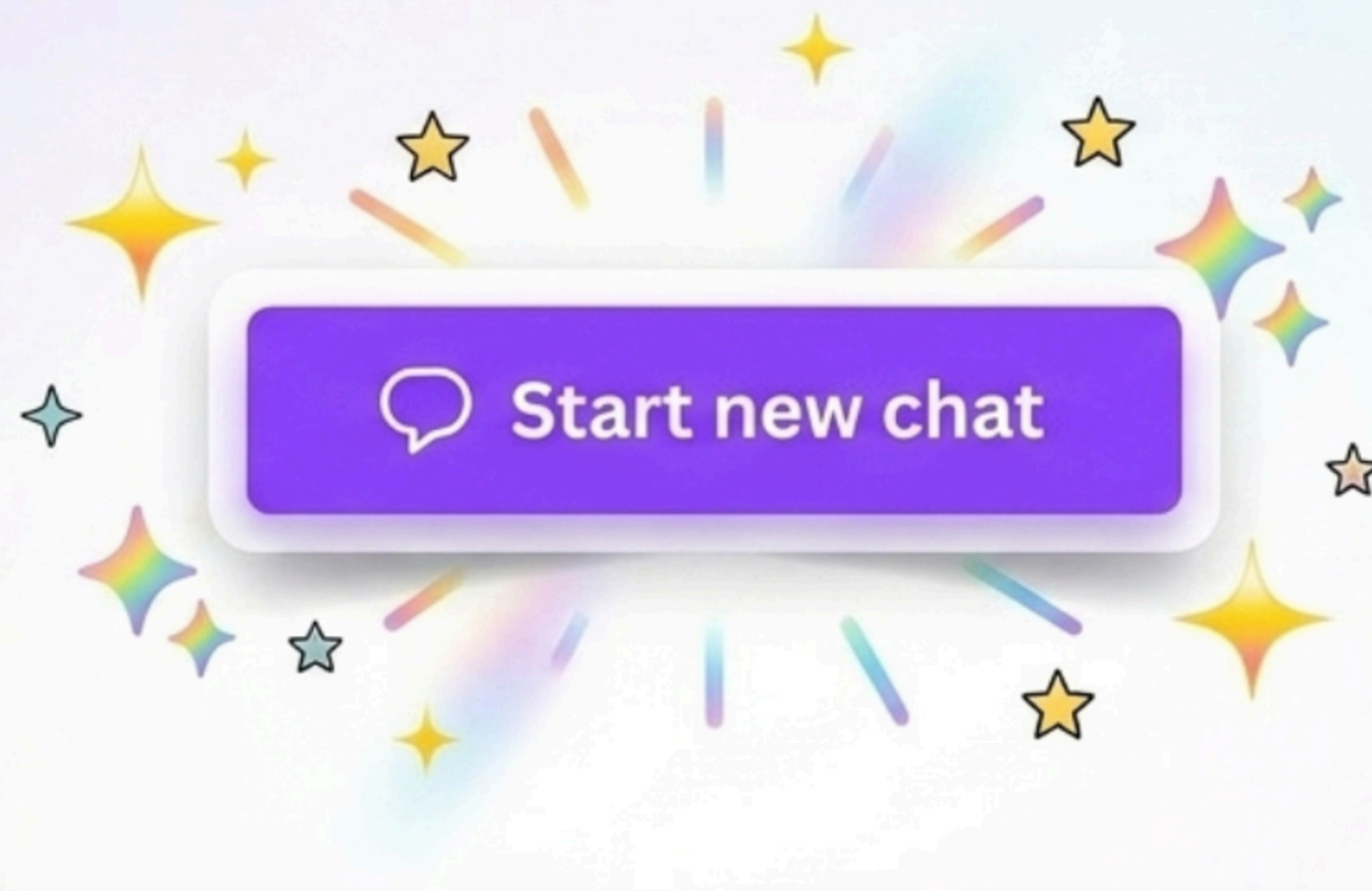
Students & Parents



Create a Public View Link. Anyone with the link can view and interact with your widget—no Canva account required.

What will you design today?

Open Canva Code and bring your next great lesson to life.



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