



You're a Gem

PRESENTATION SLIDES



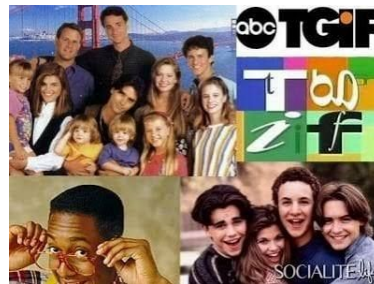
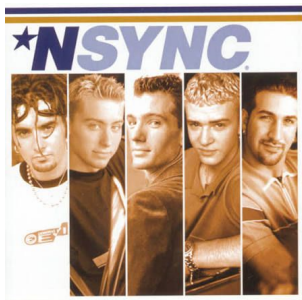
Exploring: Google Gemini gems @ Tech Time 2026 RRPS
Jessica George
Angela Chrisman



About the Speakers

Angela and Jessica are third grade teachers at Joe Harris Elementary in RRPS. They have started using AI in their classrooms and are sharing their findings with everyone on helpful features of Google Gemini.

Our 90s Favorites



What We'll Explore

The Lapidary Lab (Creating Your First Gem): We'll demonstrate how to "cut and polish" a Gem by providing specific personas—transforming Gemini into a Socratic Tutor, a Lesson Plan Architect, or a Differentiation Specialist.

Setting the Stones (Context & Files): Learn how to embed "jewels" of information by uploading your own rubrics, syllabi, and reading materials to ensure your Gem reflects your classroom's unique "brilliance."

The Multi-Faceted Classroom: Discover 5 specific "Gem Settings" every teacher needs, from the "Feedback Emerald" for rapid grading support to the "Inquiry Sapphire" for sparking deep classroom discussions.

Sharing the Luster: A first look at how to safely share these Gems with students via Google Classroom, providing them with a 24/7 "Learning Coach" that never loses its shine.



Jewelry Box Roll Call

Raise your hand when you hear your birth month...

January: Garnet symbolizes protection and strength



February: Amethyst represents peace and clarity



March: Aquamarine associates with tranquility and courage



April: Diamond symbol of eternal love and strength



May: Emerald represents rebirth and prosperity



June: Alexandrite/Pearl symbolizes purity and wisdom



July: Ruby associated with passion and vitality



August: Peridot/spinel represents harmony and good fortune



September: Sapphire symbolizes wisdom and loyalty



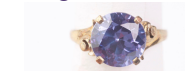
October: Opal/Tourmaline represents creativity and hope



November: Topaz/Citrine symbol of warmth and energy



December: Tanzanite/Turquoise associated with protection and good luck



AI Security Vetting and Gemini

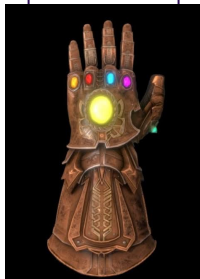
Under the June 2026 executive order, developers of AI frontier models are asked to voluntarily provide the federal government (including the NSA, Department of Defense, and Treasury) with secure, early access to their models for up to 30 days before public deployment.

The Goal: The government will use a classified benchmarking process to vet the models for significant cybersecurity risks, such as the ability to identify or exploit high-severity software vulnerabilities.

Are Google Gems affected by this order? Gems—the custom, personalized versions of Gemini you can create for specific tasks and current models of Gemini – are entirely exempt from this vetting process.

The Reason: Gems are not new, baseline AI models. They are simply tailored instructions, prompts, and context layered on top of the existing, already-vetted Gemini foundation.

Because they don't add new underlying "frontier" computing capabilities or create autonomous cybersecurity risks, they do not trigger any government review. Your custom data and instructions remain private to your account.

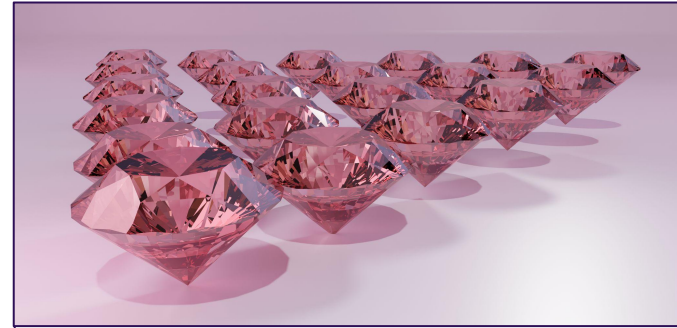


The Paradigm Shift: Generic AI vs. Gems



Generic AI

Chat GPT or Standard Gemini
Retyping complex instructions
Broad Knowledge
“AI hype” voice



Gems

Custom Gemini Gem
Remembers precise pedagogy
Upload school curriculum documents
Measured professional tone tailored
to your students

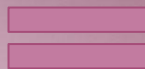


Standard
AI Model



Custom
Instructions

Uploaded
Knowledge



Anatomy of a Gem

Premade by Google

Show less



Career guide
Unlock your career potential.
Get a detailed plan to refine
your skills and achieve your...



Storybook
Create a customized picture
book, for either children or
adults, given a topic, an...



Chess champ
Play chess with a language
model. Make your first move
using chess notation to star...



Brainstormer
Find inspiration easily. Fresh
ideas for parties, gifts,
businesses and more.



Coding partner
Level up your coding skills.
Get the help you need to
build your projects and lear...



Learning coach
Here to help you learn and
practice new concepts. Tell
me what you'd like to learn,...

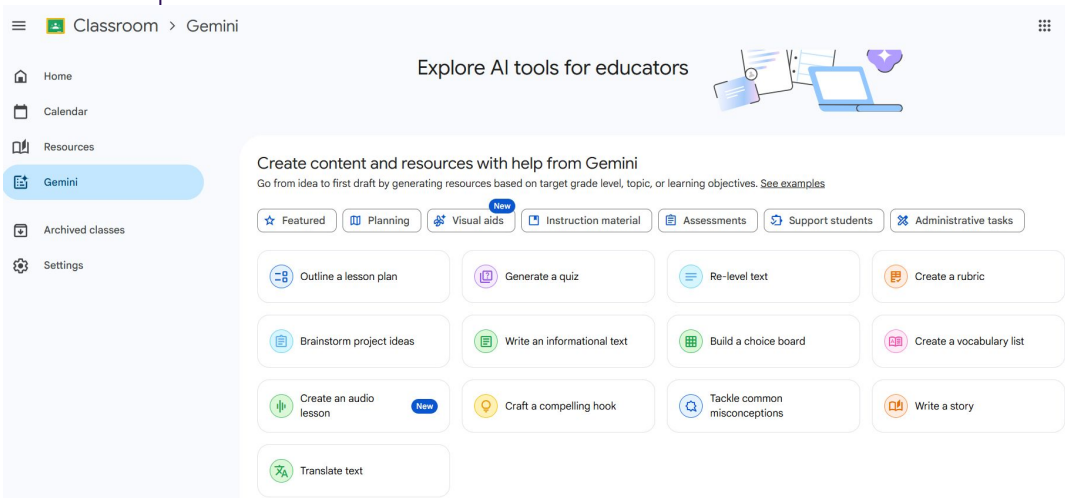


Writing editor
Elevate your writing. Get
clear, constructive feedback,
from grammar to structure.

Gems

Premade by Google

Gems are custom versions of Gemini that give you tailored responses. You can customize a premade Gem or you can create a new gem from scratch using instructions you set. You'll find all your Gems in the same place where you can edit them any time or you can start chatting instantly with a premade Gem.



Gems

Access in Google
Classroom for
Teachers

100 Ways to Use Gemini in the K-12 Education

Synthesize: The 5 Pillars of AI Differentiation

Reflect on Methodology

Brainstorm student-centered approaches

Adapt Tasks

Create multiple entry points without watering down rigor

Detailed Feedback

Growth focused feedback

Scaffold Complexity

Break down multi-step tasks to support working memory

Creating Your Own Gem

 New Gem Save

Describe your Gem and explain what it does

Instructions ⓘ
Example: You are a horticulturist with a background in natural lawns and native plants, and you help people plan low water

Default tool ⓘ
No default tool ▾

Knowledge ⓘ
Add files for your Gem to reference +

☐ Disable Knowledge Citations ⓘ

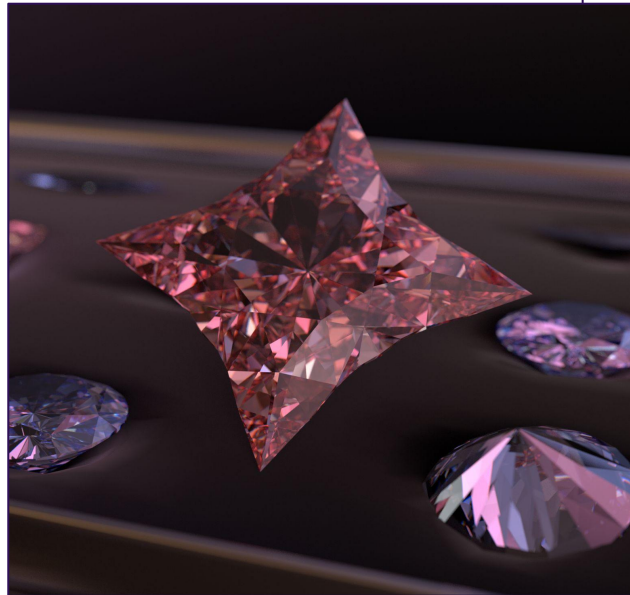
Preview


To preview your Gem start by giving it a name

+ ⓘ Ask Gemini

Flash ▾





Gems for a Teacher Prompts

Differentiation Designer

Gem Instructions: When I provide a task, identify challenges students might face. Generate supports and extension for different readiness levels. Include scaffolds for ELD, SE and enrichment for advanced students. Explain how each adaptation maintains rigor. Present in labeled sections. Using the Scope and Sequence document for CKLA grade 3

Assessment

Gem Instructions: Build a short exit ticket on standard RL 3.1 using concepts from CKLA Unit 2 grade 3 and the proficiency scale document for this standard.

Data Reflection Tool

Gem Instructions: When I paste in class assessment trends, identify patterns and suggest targeted next-step interventions. Incorporate NWEA Map RIT Band 180-200

Feedback

Gem Instructions: Evaluate student writing by providing two compliments, two specific suggestions for flow/clarity, and an actionable revision checklist based on the standard W 3.1

Others

- Lesson Planner
- Sub Plan Generator
- Parent Communication Helper

Gems for Student

Rio Rancho Public Schools

As of July 2026: Students using AI at school or for school assignments is not an option until we have an AI policy in place. RRPS Director of Education Technology created and shared the proposed RRPS AI Policy with the legal team and superintendent and it's currently being reviewed.

The next few slides are not recommended to share with students until a policy is in place.

It is preferred RRPS educators and staff use Google Gemini and gems as it's not Open AI

Gems for a Student: Critical Thinking and Creativity

Reading Reflection Coach

Scaffolds comprehension questions about themes and personal connections to guide deep thinking.

Science Inquiry Companion

Guides hypothesis creation and leads students through the scientific process without giving the answers.

Debate Coach

Helps build arguments, anticipate counterpoints, and model respectful language for disagreements.

Study Skills Coach

Aids executive functioning by creating spaced-repetition plans based on learning styles.

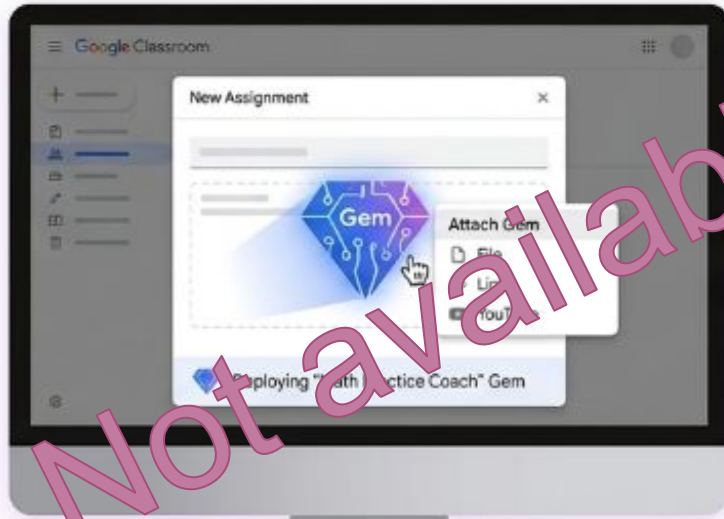
Other

- Spanish Coach
- Coding Coach

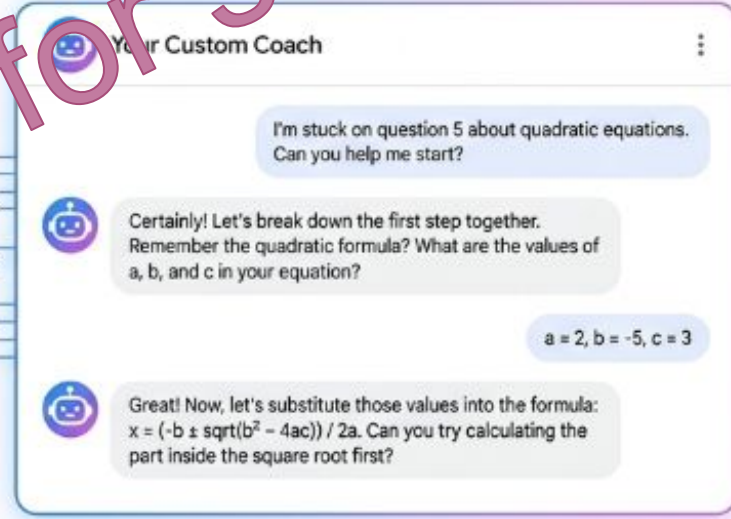
The Student Experience: Deploying Interactive AI Tutors

With admin approval, Gemini is now available for students. Teachers don't just assign work, they can share custom-built, guardrailed Gems directly through Google Classroom to act as personalized, interactive coaches.

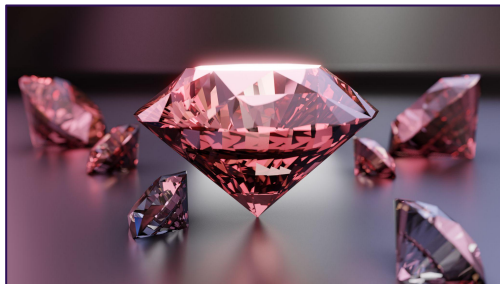
Teacher View



Student View

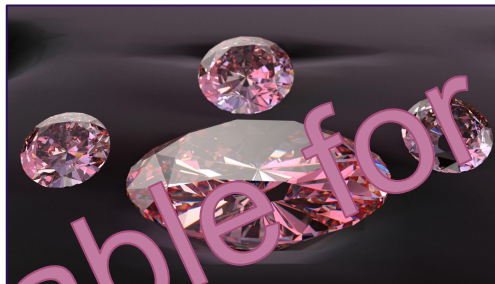


Safety & Guardrails for Student Gems



Define Strict Boundaries

Hardcode instructions: "Do not give direct answers", "Do not write the essay for them", and "Do not provide external links"



Protect Data

Explicitly remind students within the prompt not to share addresses, phone numbers, or any sensitive personal info.



Maintain the Human Loop

AI is a coach, not a human. Teachers must maintain oversight and monitor chats to ensure interactions remain within educational boundaries.



- 1- What Gem did you create?
- 2-Why did you create it?
- 3-How will this help you as a teacher?

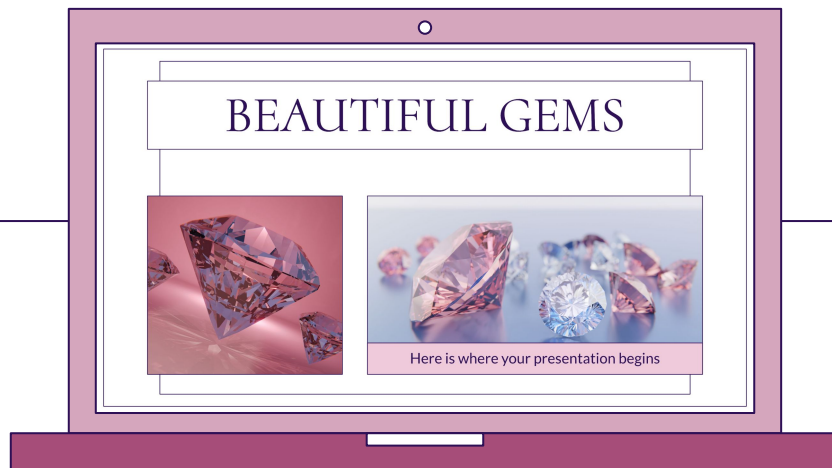
Create and Share

Resources

1. [EduGems](#)
2. [Ditch That Textbook How to Create and Use Google Gemini Gems in the classroom](#)
3. [Stay Human: Finding Your Ethical Stance on AI- Angela Watson Truth for Teachers Course](#)
4. [Alice Keeler Video: Gems for a Custom AI Teacher Partner](#)
5. [Eric Curts Video: Creating & Sharing Gems in Google Gemini](#)



Privacy Hub



Your custom Gems will also be visible in Gemini for Workspace. Create Gems responsibly.

THANKS!

DO YOU HAVE ANY QUESTIONS?

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- Bright diamonds arrangement high angle
- Bright pink diamonds arrangement
- Heart shaped pink diamond arrangement
- Diamonds assortment on pink background
- Diamonds arrangement on pink background I
- Diamonds arrangement on pink background II
- Precious pink diamonds arrangement
- Star shaped pink diamond arrangement
- High angle pink diamonds arrangement

RESOURCES II

- Pink and blue diamonds arrangement
- Diamonds arrangement on pink background high angle
- Pink diamonds assortment high angle
- Front view of beautiful happy woman
- Smiley man posing with copy space
- Pink diamonds arrangement high angle I
- Pink diamonds arrangement high angle II

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