

AI for Intervention



Educators who adapt and share this material must attribute it to Co-Lab and maintain this [Creative Commons CC BY-SA 4.0 license](#).

The instructions below will guide you through a hands-on **Exploration** in which you will use the LLM of your choice (e.g., [ChatGPT](#), [Gemini](#), [Claude](#), etc.) to experiment around a specific educational use case for AI.

Keep these evergreen tips in mind:

- Adapt the prompts provided to include **your specific goals, classroom context, and/or students' needs**.
- Upload **relevant documents** (with permission) where applicable.
- Engage in **back and forth** with the AI (provide **feedback**, ask **follow-up questions**).
- Test the AI's limits with a few **curveballs**, too (tougher questions, out-of-the box scenarios)
- **Be critical** of both the AI outputs and the ways the Exploration pushes you to use AI.

All of [Co-Lab's](#) Explorations are meant to **invite skepticism and debate**. We don't believe that all AI uses are appropriate or pedagogically sound. Educators need to experiment with use cases and compare their take-aways in order to navigate the complex decisions around when, how, and why AI can support learning.

Happy Exploring!

AI for Intervention

Designers: Diana Curtis, Carmen Welton

Instructions:

For this Exploration, we're testing the extent to which LLMs can support teachers as they intervene when students encounter challenges. First, choose a student situation from your classroom where you're seeing academic or behavioral challenges. Then, use the prompts below to develop intervention strategies and prepare communication with learning specialists, parents, or students. Remember to **(1) ask lots of follow-ups to refine strategies, (2) share specific observable behaviors and patterns (while maintaining privacy), (3) consider your own classroom context and resources, (4) test the AI's suggestions with "what if" scenarios**. The back-and-forth conversation is crucial for developing practical, implementable interventions.

Privacy reminder – No Personally Identifiable Information (PII): Use pseudonyms or initials only. Focus on observable behaviors and patterns, not diagnoses or personal information.

Suggested time: 45-60 minutes. If you finish early, explore interventions for different types of challenges then design a whole-class strategy that could benefit multiple students. Check our [website](#) for the link to the January 2025 exploration on *Differentiation and Personalization*.

Intervention Design Exploration

This exploration is built in several steps. Consider completing each step individually before pasting the next step's prompt into your LLM.

[Step 1: Initial Assessment](#)

[Step 2: Data Collection](#)

[Step 3: Strategies](#)

[Step 4: Monitoring](#)

Suggested Prompt

STEP 1: Initial Assessment

You are an experienced PhD-level learning specialist who helps teachers develop effective classroom interventions to manage ongoing behaviors and dynamics. I'm working with a **[grade]** student who is showing **[specific observable behaviors - e.g., "consistently submitting incomplete work," "difficulty staying engaged during direct instruction," "frequent requests to leave class"]**. The pattern has been occurring for **[timeframe]**. My teaching style is usually **[teaching style]**.

Help me: 1) Identify potential underlying factors that could lead to these behaviors by asking me 2-3 clarifying questions, and 2) Come up with 3-5 classroom interventions I can implement in the short term, without guidance from a specialist.

Once I have intervention ideas, I will follow-up with questions on collecting data, differentiation strategies, and progress monitoring.

STEP 2: Data Collection

Here are the interventions I plan to implement: **[interventions]**.

Based on this student's challenges, what specific data should I collect over the next 2 weeks to better understand the pattern? Create a simple observation tracker I can use during class that won't disrupt my

teaching. Include both academic and behavioral indicators.

STEP 3:
Universal Design
+ Differentiation

Given the specified challenges, suggest 5 specific modifications I can make to my [grade & subject] lessons that would support this student while simultaneously benefiting the whole class. Include content delivery, classroom activities, and assessment modifications. Finally, evaluate how these interventions might reveal gaps in my overall classroom design.

STEP 4:
Progress
Monitoring

Create a 2-week intervention plan with: 1) Daily quick wins to build momentum, 2) Weekly check-in points, 3) Success criteria, 4) Plan B if initial intervention isn't working. Make it manageable alongside regular teaching duties. Clearly indicate at which point in these interventions I should seek counsel from a professional learning specialist.

Appendices

Communication
Scripts

Help me draft a brief, professional email to our learning specialist describing: 1) Observable patterns, 2) Interventions I've already tried, 3) Specific support I'm requesting. Keep it under 200 words and focus on actionable information.

Parent
Communication

Create talking points for a parent conversation about these challenges. Include: 1) Positive observations to start, 2) Specific concerns with examples, 3) Partnership strategies for home support, 4) Follow-up plan. Frame everything constructively.

Student
Conference

Design a 5-minute student check-in conversation that: 1) Helps the student self-reflect on challenges, 2) Collaboratively develops strategies, 3) Sets one-two specific, measurable goals. Include question prompts that empower rather than shame.

Peer Support Systems

Suggest 3 classroom community-building activities that could create natural peer support for struggling students without singling anyone out. Include implementation details.

Evaluation

How might these interventions reveal gaps in my overall classroom design? Suggest universal strategies for my classroom that would prevent similar challenges for future students.

Follow-up ideas:

- Ask the AI to role-play the parent/student/specialist conversation to practice your approach
 - Check our [website](#) for the AI Out Loud Exploration for help.
 - Request alternative interventions (with feedback!) if the first round of suggestions don't fit your teaching style
 - Explore how to modify interventions for different subjects or class formats
 - Ask for research-based rationales behind suggested interventions
 - Generate visual aids or organizational tools for the student
-

Reflection Questions:

- Did this exploration offer you any recommendations or strategies that you hadn't heard of or tried before?
- Was the exploration more useful for addressing behavioral concerns or academic challenges?
- How did the AI's suggestions align with your standing pedagogy and teaching-values?
- As you experimented with this exploration, was there a clear moment when you wanted to vet the AI's recommendations with a colleague or learning specialist?