

FIRECLASS — Teacher Guide (OTP Edition)

What is FIRECLASS?

FIRECLASS is a wrapper around any activity (web page, game, video) adding classroom control, AI teaching agents, polls, and real-time insights—no content rebuild required.

AI Teaching Stack (3 layers the teacher controls)

1. **Layer 1 — Mode / Model Optimization** Tune the AI's style to the lesson phase: **Inquiry**, **Formalization**, or **Application**.
2. **Layer 2 — Personas - Bob** — `allows_direct_answers = false`: Socratic guidance, prompts and hints, no direct solutions.
 - **Alice** — `allows_direct_answers = true`: Clear formal explanations and step-by-step worked examples.

Note: `allows_direct_answers` is a **persona property**, not an extra switch.

3. **Layer 3 — Activity Context** Per-activity policy (e.g., "hint-only", "one formal example", "no full solution", "show similar problem").

Login via OTP (no passwords)

Teachers: enter your email/phone → receive a One-Time Passcode (OTP) → enter the code → access the Teacher Dashboard.







Students: join the room with a **Room Code** (no OTP).

This keeps access friction-free while preserving teacher control.

How the AI helps students

- **Inquiry:** guiding questions, decomposition of problems, pattern spotting, building intuition.
 - **Formalization:** precise definitions, naming principles, linking examples to rules/theorems.
 - **Application:** worked/partial examples, similar practice, targeted feedback, error diagnosis.
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AI Behavior Scenarios (by Persona and Model)

Persona	AI Model	Setting (<code>allows_direct_answers</code>)	Expected Outcome (AI Behavior)
 Bob	Gemini	<code>false</code>	Gemini will act as a personal tutor, breaking down the problem into steps but avoiding direct answers, guiding the student with questions instead.
 Bob	Claude	<code>false</code>	Claude will act as a "thinking partner," responding primarily with guiding questions to encourage critical thinking and self-discovery.
 Bob	ChatGPT	<code>false</code>	ChatGPT will enter its Socratic "Study Mode," helping the student explore the topic with open-ended questions while strictly avoiding direct answers.
 Alice	Gemini	<code>true</code>	Gemini will act as an expert, providing direct explanations, formal definitions, and step-by-step solutions to help the student apply their knowledge.
 Alice	Claude	<code>true</code>	Claude will provide precise answers, explain formal principles, and offer solutions, maintaining a professional yet supportive tone.
 Alice	ChatGPT	<code>true</code>	ChatGPT will provide direct answers, accurate definitions, and can present a full or partial solution based on the student's needs.

Polls + AI analysis (real-time teaching moves)

- Launch quick **Polls** (MCQ or short free-text).

- The AI clusters answers, surfaces misconceptions and confidence levels, and suggests next moves (whole-class hint, mini-demo, pair work, or move on).
- You get actionable signals without reading every answer live.

Class Chat (teacher-moderated)

A structured channel for questions and clarifications. You can let Bob/Alice answer under your policy. The teacher has visibility and can broadcast good questions to everyone.

End-to-End scenario (5 steps)

1. From your PowerPoint slide, click to open the class room.
2. Students join with the Room Code.
3. Choose persona (Bob/Alice) and lesson mode (Inquiry / Formalization / Application).
4. Run the activity; the AI behaves per your policy.
5. Send a Poll → review AI summary → act (hint/demo/grouping/next).

Join FREE (teacher onboarding)

- **How to join:** email the admin to be whitelisted (access is immediate after approval).
- **System URL:** <https://fireclass.online/teacher-dashboard.html>
- **User Guide:** <https://meir.world/fireclass/docs/user-guides/teacher-guide.md>
- **Student Guide:** <https://meir.world/fireclass/docs/user-guides/student-guide.md>
- **Add your content:** teachers can add their own materials to a private library and reuse them across classes.

Quick tips

- Switch personas/modes as the lesson phase changes.
- Use Polls to decide whether to reinforce or escalate.
- Keep Chat open for "just-in-time" help—under your rules.