Teacher Feedback Loop - AI Reflection Log Examples

This document outlines how teachers can engage with AI through structured reflection and response. The feedback loop is designed to preserve teacher authority while leveraging AI for insight, memory support, and instructional coaching.

Sample Scenario:

Teacher Input:
"My 5th-period class shuts down whenever we hit math word problems. I've tried examples, but they don't engage."

AI Response:
"That sounds frustrating. Would you like to try:
- Reframing the problem in a story-based scenario?
- Letting students write their own word problems using real-life situations?
- Pairing them with peers who prefer verbal reasoning?"

Teacher Reflection:
"Let's try the second one. I'll assign a task where students create math challenges based on real life."

AI Follow-up:
"Great. Would you like three starter examples to introduce tomorrow?"

Design Features:
- AI listens and adapts to teacher tone, learning goals, and instructional style
- All suggestions are optional
- No autonomous actions in the classroom
- Encourages continuous improvement without judgment

Best Use Cases:
- After-class reflection
- Lesson planning adaptation
- Emotional validation and reframing
- Handling sensitive conversations with students or parents

Part of the Lori Framework | Version: v1.0