

AI-RESISTANT ASSESSMENT PLANNING GUIDE

Use this guide to help you design assessments that promote authentic thinking, responsible AI use, and academic integrity. **The goal** is not to ban AI, but to ensure it strengthens feedback and learning, not replace them.

1. Why AI-Resistant Assessment Matters

Generative AI can produce convincing but superficial responses. Assessments that rely on **recall** or **summary** make it easy for learners to outsource thinking.

AI-resistant assessment emphasizes:

- ✓ **Authentic thinking and application**
- ✓ **Personal reflection and connection**
- ✓ **Process over product**
- ✓ **Ethical and transparent use of AI**

2. Guiding Principles for AI-Resistant Assessments

Principle	Core Idea	Try It
Authentic Tasks	Create tasks that mirror real-world challenges and require demonstration of understanding.	Redesign a quiz as a short case analysis or in-class discussion
Personalization and Reflection	Ask learners to connect concepts to their experiences, community, or class discussions.	Add a reflection on how students applied ideas to a local or personal context.
Testing and Ethical Culture	Test assignments with AI before assigning. If AI can complete it easily, revise it.	Use AI to “beta test” your prompt, then discuss results with students to teach ethical use.

3. Step-by-Step Planning Guide

- ✓ **Align with Learning Objectives**
Define what knowledge, skills, or dispositions students should demonstrate.
- ✓ **Select Formats that Limit AI Advantage**
Use performances, debates, portfolios, or in-class tasks. Consider oral, handwritten, or multimodal formats.
- ✓ **Personalize the Prompt**
Incorporate local or course-specific examples, or ask for personal connections and current event tie-ins.
- ✓ **Include Reflective and Process Elements**
Break larger tasks into proposals, drafts, and final submissions. Encourage reflection on how students used feedback or AI tools.

3. Step-by-Step Planning Guide (continued)

✓ **Develop Transparent Criteria**

Build rubrics that value originality, reasoning, and process. Share expectations for acceptable AI use.

✓ **Test with AI**

Run your prompt through a generative AI tool. If it produces a passable answer, revise to require deeper reasoning or context.

✓ **Establish Ethical AI Guidelines**

Clarify what counts as acceptable AI use (e.g., brainstorming, editing). Ask students to disclose their AI interactions.

✓ **Foster a Culture of Integrity and Curiosity**

Explain the purpose of AI-resistant assessment as a learning safeguard. Encourage exploration of AI's limits through class activities.

4. The FAIR Method

FAIR Element	Description	Reflection Prompt
F Feedback	Use AI tools to provide formative feedback that supports student growth without replacing instructor judgment.	Where might AI help students self-assess or revise their work?
A Assessment	Design assessments that evaluate genuine understanding and application rather than memorization.	Which current tasks could better measure authentic learning?
I Integrity	Model and teach ethical AI use; set transparent guidelines on acceptable assistance.	How will you clarify your classroom AI policy?
R Reflection	Encourage metacognition—ask students to reflect on their process, decisions, and any AI use.	What reflection question could you add to your next assignment?

Let's Think: How will **you** adapt your assessments to promote authentic thinking, responsible AI use, and academic integrity?



Key Takeaways

- Authentic, personalized, process-oriented tasks strengthen learning.
- Testing assignments with AI helps identify weaknesses before students do.
- Ethical AI use requires transparency, reflection, and shared responsibility.
- The FAIR method supports responsible integration of AI in feedback and assessment.

