

Assessment Framework for AI Education

Teacher Training Guide · Module 7 of 15 · CHERIEDU Academy

1. Why Traditional Tests Do Not Work for AI

AI knowledge is rapidly evolving. Memorising facts about AI today may be outdated in 6 months. Instead, assess students on their ability to THINK, APPLY, and REFLECT — skills that last a lifetime.

2. AI Assessment Toolkit

Method	Description	When to Use	Weight
Project Portfolio	Collection of AI work over the term	End of term	35%
Live Demo	Student presents and explains their AI model	Mid-term	25%
Written Reflection	Student explains what worked, what failed, why	After each project	20%
Peer Review	Students evaluate each other using a rubric	Monthly	10%
Quiz	Core concept check (definitions, examples)	Weekly	10%

3. Project Evaluation Rubric (Universal)

Criteria	4 - Excellent	3 - Good	2 - Adequate	1 - Needs Work
Problem Definition	Clear, specific, impactful	Clear, specific	Somewhat clear	Vague
Data Quality	Diverse, clean, well-labelled	Mostly good	Some issues	Poor quality
AI Method	Justified with reasons	Appropriate	Partially appropriate	Random choice
Results	Quantified with accuracy	Mostly quantified	Partially	No numbers
Reflection	Deep insight, next steps	Good reflection	Surface level	Missing

4. Formative Assessment Quick Techniques

- Exit Ticket: "Write one thing you learned and one thing you are still confused about."
- AI Myth Buster: Read 3 AI statements — true or false? Justify your answer.
- Concept Map: Draw how AI, data, training, and prediction connect to each other.
- 3-2-1 Reflection: 3 things learned, 2 questions, 1 thing to try at home.

