Turing Test

Writing & AI Literacy Game · Instructor Assignment Guide

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OVERVIEW

Turing Test is a browser-based game in which students read two passages written in the same voice — one by a human author, one generated by AI — and identify which is genuine. After selecting a passage, students write a brief reaction before seeing the reveal. The reveal names the specific quality at work in the human passage and explains what the AI version missed.

Between card groups, students encounter short AI literacy lessons on topics including how LLMs generate text, training data and bias, hallucination and citation fabrication, what AI is good at, and the ethics of AI use. Lesson depth scales with the difficulty level the student selected.

A closing reflection prompt appears before the final results screen. The full session report is available to download. No account or installation is required.

LEARNING OBJECTIVES

By the end of a session students will be able to:

- Distinguish human writing from AI-generated imitation across literature, argument, poetry, and scientific writing
- Name specific qualities that make human writing distinctive — precision, idiosyncrasy, productive uncertainty, earned observation
- Explain foundational concepts in AI literacy: how LLMs work, training data, hallucination, prompting, iterative refinement
- Describe what AI is well-suited for and where human judgment and authorship matter

ASSIGNMENT OPTIONS

Option A — Single Deck (20–25 minutes)

Students select one deck (Literature, Argument, Poetry, or Science) and play through it at any difficulty level. They write a brief reaction after each card and receive a session report to download.

Option B — All Decks (35–45 minutes)

Students play the mixed All Decks option, which draws cards from all four categories and includes AI literacy concept cards between groups. The session report documents all choices, written reactions, AI concepts encountered, and a closing reflection.

Difficulty Levels

Level 1 (Standard) — AI imitations have more detectable patterns; AI literacy lessons cover foundational concepts. Level 2 (Hard) — closer imitations; intermediate AI literacy. Level 3 (Expert) — best available AI imitations; advanced AI literacy including agents, alignment, and AI ethics.

HOW TO ASSIGN

- Direct students to the Turing Test URL
- Students enter their name, select difficulty, and optionally enter a class code
- Students select a deck and play through — writing is required before each reveal
- At the end, a summary prompt asks one open reflection question

- Students download the session report and submit the file to Canvas

WHAT THE SESSION REPORT CONTAINS

- Student name, date, difficulty level, and deck selected
- Score (passages correctly identified) and accuracy percentage
- Total words written across all reactions
- Card-by-card record: the passage, the student's written reaction, the human source
- AI literacy concepts encountered during the session
- Closing reflection response

AI LITERACY CURRICULUM

Each of the 20 cards is paired with one AI literacy topic. Topics advance with difficulty level. The full curriculum covers:

Foundational (Level 1):

- How LLMs generate text
- What is training data
- What is prompting
- What AI does well and poorly
- What is iterative refinement

Intermediate (Level 2):

- How hallucinations happen
- Why citations get fabricated
- How training data creates bias
- What humans should do themselves
- Human at the wheel vs. in the loop

Advanced topics (Level 3) include AI agents and appropriate task types, AI safety and alignment, AI's real-world footprint, multimodal AI, and the ethics of AI use.

GRADING OPTIONS

Completion-based

Assign credit for a submitted session report. Suitable for introductory use or as a low-stakes writing warm-up.

Writing quality

The session report shows each written reaction alongside the card. Assess for specificity of observation — did the student notice something particular, or write generically?

AI literacy comprehension

After completing the game, assign a brief follow-up question on one of the AI literacy topics the student encountered. The session report lists which concepts appeared in their session.

TECHNICAL REQUIREMENTS

Any modern browser. No account, login, or download required. Works on mobile. Estimated time: 20–45 minutes depending on deck selection and difficulty.