AI Literacy for Human Flourishing

An "AI To Learn" Framework

Sawa Kurotani, Ph.D.
Founder, AI To Learn Initiative

In the "AI To Learn" curriculum, AI literacy is conceived as more than knowing how to operate emerging technologies. It is a **human-centered disposition toward using AI in ways that support learning, creativity, well-being, and broader human flourishing**. This framework defines AI literacy as a set of interconnected capacities grounded in purpose, ethics, and agency. It emphasizes that AI should amplify human inquiry rather than replace it, and that meaningful engagement with AI begins with the learner, not the tool.

At its foundation, AI literacy rests on a **learning mindset**. This mindset values curiosity, metacognition, and the intrinsic importance of human learning. Students begin by recognizing that AI is not a shortcut to answers but a catalyst for deeper thinking. They are encouraged to question, explore, reflect, and learn with a sense of ownership. Cultivating this mindset prepares learners to navigate ambiguity, avoid overdependence on AI, and engage technology with confidence and discernment.

Building on this foundation, the second layer is a **human-centered workflow**. This workflow places human intention and creativity at the center of the AI engagement process. Students clarify what they want to understand or create, use AI tools to support their inquiry, and evaluate the outputs thoughtfully. This approach emphasizes intentionality and reflection: AI is used to extend the learner's thinking and creativity, not drive it. Ethical awareness—including attention to bias, context, and integrity—is embedded naturally within the workflow rather than treated as an afterthought.

At the top of the framework are **context-specific competencies**. These are the practical skills needed to apply AI productively within a discipline, profession, or creative domain. Examples include crafting effective prompts, evaluating the quality and reliability of AI-generated content, and integrating AI into research, writing, design, or analysis. These skills evolve as technologies evolve, and they are effective only when grounded in the deeper layers of mindset and workflow.

Together, these three layers form a holistic model of AI literacy. They prepare learners not just to use AI tools, but to use them thoughtfully, responsibly, and in ways that expand human possibility.