# AI Literacy and Disciplinary Thinking

**TLC Workshop Archive Categories**:

1. Educational Technology
2. Assignment Design
3. Course Planning

**Outreach Copy:**

Instructors teaching with artificial intelligence face critical issues in data privacy, intellectual property, and algorithmic bias. Join us to learn how these concerns can inform the selection of AI tools suitable for your discipline and how to impart similar AI literacies to your students.

This workshop took place via Zoom and in person (Hyflex mode) on Monday, March 4, 2024, from 3:00-4:30 PM. The workshop and materials were developed by Zach Muhlbauer and Manju Adikesevan.

## **Materials:**

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This folder contains workshop plans, slides, and a companion worksheet.

Materials Folder:[**AI Literacy and Disciplinary Thinking [PUBLIC]**](https://drive.google.com/drive/folders/10c9-oiAUOYh-s7IqYYt-ZvcUMqu0Rzkr?usp=sharing)

## **Workshop Agenda:**

## **Part 1**: Group Brainstorm - Defining AI Literacy and Discussion (20 minutes, 2 slides)

## Activity: Attendees define AI literacy in their specific discipline and discuss disciplinary connections.

## Prompts:

## What AI platforms do you know of besides ChatGPT? (Poll Everywhere + Word Cloud)

## How are they relevant to your discipline? (Group Discussion)

## Where do you see the need for AI literacies in teaching your discipline? (Group Discussion)

## **Part 2**: Presentation - AI Literacy Framework (40 minutes, 8 slides)

## Overview: Walk through of AI Literacy Framework focusing on application, agency, authenticity, and accountability.

## Key Concepts:

## Application: Selecting suitable AI tools, establishing use best practices, scrutinizing data sets.

## Agency: Empowering students to make decisions, expanding their learning process.

## Authenticity: Fostering genuine communication, intrinsic motivation, trust, and credibility.

## Accountability: Taking responsibility for AI-influenced content, equity in AI tool access, citation practices.

## Prompts:

## How will students apply the AI tool to a specific stage of your assignment?

## How can students use the AI tool to expand knowledge or skills relevant to your assignment?

## How can students express their voice or style in their use of AI?

## How can students expect to be held accountable for AI use?

## **Part 3**: Work-on-Your-Own Activity - Assignment Makeover (30 minutes, 2 slides)

## Activity: Attendees revise an existing assignment to integrate relevant AI literacies.

## Instructions: Develop assignment guidelines on policies and expectations for AI use