TomoClub

AI Literacy Program for Middle School

Welcome to the TomoClub AI Literacy Program — a 15-week adventure designed to help you understand artificial intelligence, think critically about technology, and discover your own voice in an AI-powered world. Each week blends **technical AI concepts** with **real-world self-navigation skills** so you grow as both a thinker and a creator.

Week	Themes	Topics	Topics for Navigating Self
1	Introduction to AI & Systems	Introduction to AI & Systems	Maintaining your voice in the age of AI
2	History and Now: AI	Milestones & Myths about AI	Environmental impact
3	Why AI? Rules vs Learning	Algorithms vs AI (rules vs learning)	Is everything fake?
4	How AI Makes Decisions	Data & Machine Learning	Do we think like AI?
5	Brain of AI	Neural Networks & NLP Basics	Human brain comparison & uniqueness
6	Eyes of AI	Computer Vision	Valuing human experiences: fact vs fake
7	Critical Thinking & Judgement	Bias & Fairness	Navigating social media in the age of AI
8	AI Rights & Responsibilities	Privacy & Safety + Class AI Policy	Navigating through AI companionship
9	What's Prompting?	Prompting 1: Super-Prompt Basics	Working through perfectionism
10	Humans + AI 1	Prompting 2: Contexts & Constraints	Leveraging AI for creativity & collaboration
11	Humans + AI 2	Generative AI for Creating & Learning	Leveraging AI with human skills
12	Ethics Case Sprint	Ethics Debate: Optimists vs Pessimists	Rational analysis of AI usage
13	Capstone Onboarding	Midterm Project Plan	Navigating self & social responsibility
14	Capstone Process	Midterm Build (No-Code Proto)	Navigating self & social responsibility
15	Capstone Showcase	Midterm Showcase & Reflection	Reflective practice