

AI, Ethics, Data & Decision-Making in Education

A curated resource directory for educators working with AI and data systems

2025 | The AI & Education Studio

About This Resource Collection

Artificial intelligence literacy has rapidly emerged as a critical component of K–12 education. A 2025 White House executive order established AI literacy as national policy, and as of early 2026, 28 states have published AI guidance for K–12 education.

These materials are frequently referenced in education policy discussions, research publications, and grant proposals. They serve as useful companions for professional learning about how AI can be thoughtfully integrated into teaching, leadership, and school systems.

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Curated
Resources

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Key Focus
Areas

4+

Global Policy
Frameworks

Resource Directory

Top AI literacy programs actively used in US K–12 schools (1 of 2)

Graidients Framework	K–12	Classroom decision-making framework for exploring ethical boundaries of generative AI use in academic work.
EU Ethical Guidelines	K–12	European Commission guidance helping teachers evaluate AI tools and understand implications of data-driven technologies.
UNESCO AI Guidance	8–12	Free. 21-module full-year curriculum for 2025–2026.
TeachAI Toolkit	K–12	Practical toolkit helping school systems develop policies, governance structures, and implementation strategies for AI.
Ethical AI in Education	K–12	Framework outlining ethical principles to guide adoption and use of AI in schools and education technology systems.

Resource Directory

Top AI literacy programs actively used in US K–12 schools (2 of 2)

CADRE Research Brief	K–12	Guidance for education researchers working with AI, emphasizing ethical responsibilities, equity, inclusion, and responsible innovation.
OECD AI Principles	K–12	Widely referenced principles guiding ethical governance and responsible use of AI across sectors, including education.
Google AI in K–12 Education	K–12	All resources emphasize that AI systems should be transparent in how they make recommendations and decisions.
Fairness & Bias Mitigation	K–8	Identifying and mitigating algorithmic bias is a central theme across all frameworks and guidance documents.
Human Oversight	K–8	Maintaining human oversight when AI systems generate feedback, recommendations, or support decision processes.

Resource Spotlight: Graidients & UNESCO Guidance

Graidients (Center for Digital Thriving)

Grades: K–12 | Cost: Free

A classroom decision-making framework that helps educators and students explore the ethical boundaries of generative AI use in academic work. Rather than prescribing strict rules, it encourages dialogue about where AI supports learning.

Key focus areas: making ethical decision points visible, helping students distinguish supportive from inappropriate uses, encouraging shared discussion about AI norms, and supporting transparent expectations for assignments.

UNESCO Guidance for Generative AI

Grades: 8–12 | Cost: Free

Full-year curriculum with 21 modules designed for weekly use during the 2025–2026 school year.

Key focus areas: ethical deployment of generative AI in teaching and research, governance structures and institutional oversight, transparency and accountability, and capacity building for educators and institutions.

Cross-Cutting Themes Across All Resources

Common principles and focus areas shared across these leading frameworks for AI ethics in education.

Shared Themes Across Resources

Seven common principles found across all featured frameworks

- 1 **Transparency:** AI systems should be open about how they make recommendations and generate decisions for educators
- 2 **Fairness and equity:** identifying and mitigating algorithmic bias to ensure equitable educational opportunities for all
- 3 **Human oversight:** maintaining educator control when AI systems generate feedback, recommendations, or assessments
- 4 **Data protection:** responsible governance of student data including privacy, consent, and minimization practices
- 5 **Accountability:** organizations deploying AI technologies must be answerable for their impacts on learners and educators
- 6 **Capacity building:** supporting educators and institutions in developing knowledge and skills for ethical AI adoption
- 7 **Ethical deployment:** ensuring AI is used responsibly, equitably, and in ways that support learning and research goals

Transparency

Fairness

Oversight

Accountability

Resource Profiles: Graidients, EU & UNESCO

Graidients Framework

Focus: Part of the IMAGINE AI initiative helping educators develop AI agency and ethical judgment in real classroom situations.

Themes: Making ethical decision points visible, helping students distinguish between supportive and inappropriate AI uses.

EU Ethical Guidelines

Focus: Developed with educators, researchers, and AI specialists to help teachers evaluate AI tools and understand data-driven implications.

Themes: Focus on transparency, fairness, bias mitigation, student data protection, and maintaining teacher oversight of AI recommendations.

UNESCO Generative AI Guidance

Focus: Provides policy recommendations for governments and institutions on responsible deployment, governance, and decision-making processes.

Themes: Emphasizes ethical deployment, institutional oversight, transparency, accountability, and capacity building for AI adoption.

Resource Profiles: TeachAI, CADRE & OECD

TeachAI Schools Toolkit

Focus: Designed to help school systems develop policies, governance structures, and implementation strategies for responsible AI use.

Themes: Focus on responsible adoption at school and district level, educator decision-making, student privacy, and stakeholder engagement.

CADRE Research Brief

Focus: Guidance for education researchers emphasizing ethical responsibilities when designing, studying, or implementing AI systems.

Themes: Includes reflection maps, model cards, and ethical review prompts. Focus on justice, equity, beneficence, and transparency.

OECD AI Principles

Focus: Widely referenced principles informing national policies and international discussions about responsible AI implementation.

Themes: Focus on fairness, transparency, explainability, accountability, and human oversight in AI-supported educational processes.

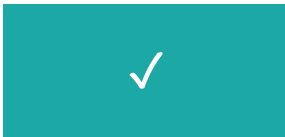
Key Focus Areas Across Resources

Common focus areas shared across all seven featured resources:



Transparency

AI systems should be open about how they make recommendations and decisions in education settings.



Equity & Fairness

Identifying and mitigating bias while ensuring equitable access to AI-supported learning opportunities.



Data Protection

Responsible governance of student data including privacy, consent, and minimization practices.



Human Oversight

Maintaining educator control when AI generates feedback, recommendations, or assessments.

How to Use These Resources

Practical steps for integrating these frameworks into your practice:

Review the resource directory and select frameworks most relevant to your context, role, and organizational needs

Use the ethical guidelines to evaluate current AI tools in your school or district for transparency, fairness, and data protection

Reference these frameworks in policy discussions, grant proposals, and professional learning plans for AI integration

Apply the equity and ethics checklists when introducing new AI tools to ensure responsible and inclusive adoption

Share these resources with colleagues, families, and stakeholders to build shared understanding of ethical AI in education

“These resources represent a foundation for understanding how AI can be thoughtfully integrated into teaching, leadership, and school systems while upholding ethical standards.”

— SRI Education, CIGALE Expert Review Report (2025)

Resources & Links

Graidients Framework. Center for Digital Thriving. gradients.ai

EU Ethical Guidelines on AI and Data in Teaching and Learning.

UNESCO Guidance for Generative AI in Education and Research.

TeachAI: AI Guidance for Schools Toolkit. teachai.org

Institute for Ethical AI in Education Framework. Buckingham.

CADRE: Toward Ethical and Just AI in Education Research.

OECD Principles for AI in Education. oecd.ai

Thank You

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To submit a resource email Jody@JodyBritten.com