

EXECUTIVE BRIEFING

Artificial Intelligence in K-12 Education



National Landscape, Oregon Framework, and Future Outlook for District
Leadership

School Board Presentation & Review

PART I

Executive Summary & High-Level Context

From reactive bans to proactive, human-centered integration: Navigating the shift toward responsible, equity-driven AI adoption in public K-12 education.

The National Landscape: Reactive to Proactive

Over 35 state departments of education across the United States have published formal AI guidance, shifting the national narrative from prohibition to human-centered empowerment.

- ✓ **Human-in-the-Loop Pedagogy:** U.S. Dept. of Education guidelines emphasize AI as a tool to augment educator judgment, not replace it.
- ✓ **Responsible Use Policies (RUPs):** Transitioning from blanket bans to clear, graded assessment frameworks and ethical guidelines.
- ✓ **Teacher Efficiency:** Leveraging AI for lesson design, text leveling, automated rubrics, and administrative streamlining.
- ✓ **Data Governance Focus:** Stringent compliance enforcement under FERPA, COPPA, and CIPA for enterprise vendor safety.



Navigating the Three Digital Divides in AI



1. Digital Access Divide

Inequitable distribution of high-speed connectivity, modern devices, and district-funded enterprise AI tools across diverse socioeconomic student groups.



2. Digital Use Divide

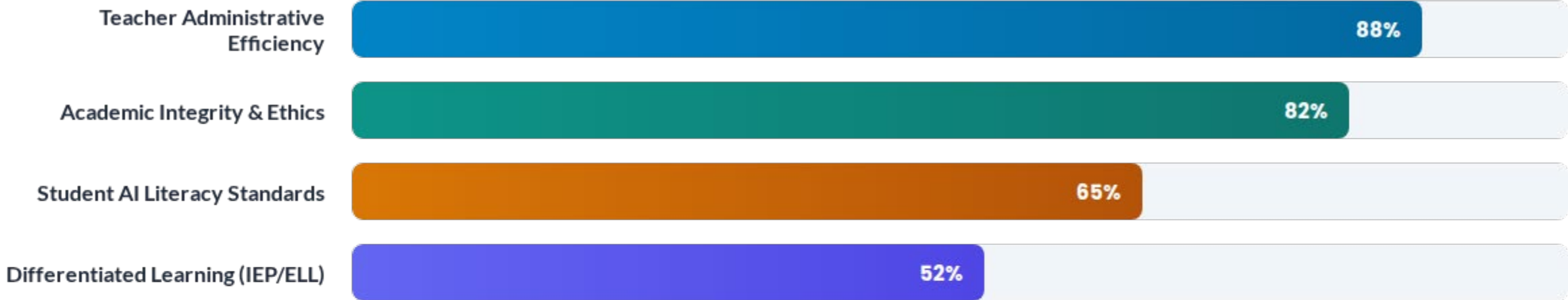
The gap between students using AI to critique, build, and innovate versus those restricted to automated drill-and-practice or basic search tasks.



3. Digital Design Divide

Disparities in dedicated professional development time for educators to build capacity in designing meaningful AI-assisted learning experiences.

Primary Focus Areas in District AI Adoption



Data indicates that administrative workload reduction and ethical guidelines remain top implementation priorities before full instructional integration.

PART II

Oregon Focus: Guidance & Local Practices

Examining the Oregon Department of Education (ODE) framework, student privacy laws, and district implementation models across the state.

Oregon Policy Framework

ODE Generative AI Guidelines

The Oregon Department of Education published comprehensive guidance titled *Generative Artificial Intelligence (AI) in K-12 Classrooms* to ground district policies in human-centered values.

Key Pillars for Oregon Schools:

- **Human-Centered Relationships:** AI must support, never supplant, genuine student-teacher interaction.
- **Protection of Student Data:** Strict adherence to the Oregon Student Information Protection Act (OSIPA).
- **Informed Civic Preparation:** Developing critical evaluation skills for Oregon's future workforce.

ODE Core Guiding Principles



Human-Centered

Focuses on authentic human connection, critical thinking, and student voice rather than automated reliance.



Equity & Access

Ensures AI tools serve multilingual learners, students with disabilities, and historically underserved groups.



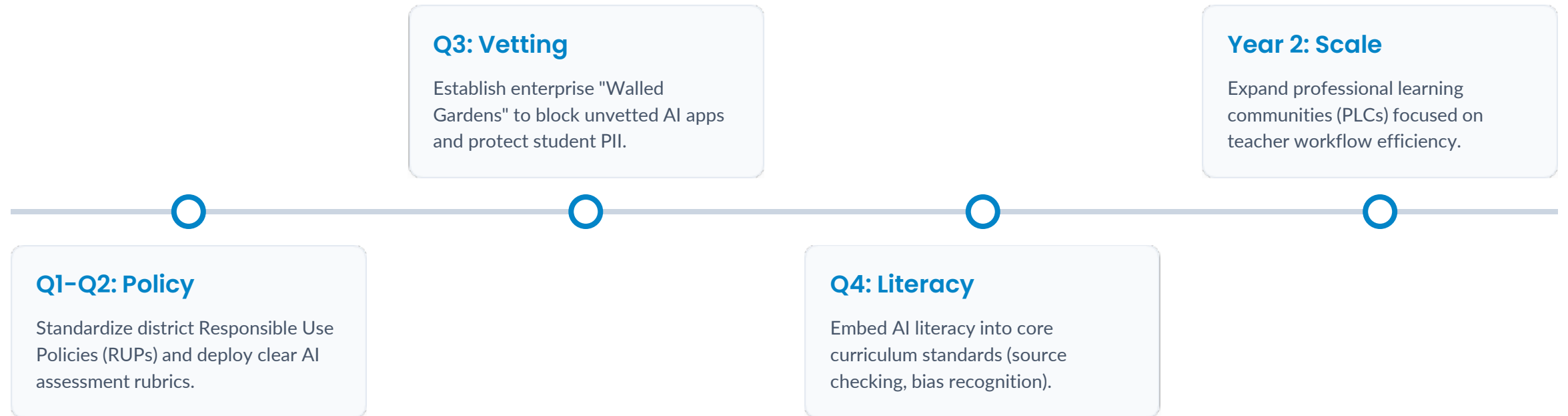
Ethical Practice

Teaches students to identify algorithmic bias, verify hallucinated data, and maintain academic integrity.

Oregon Compliance & Data Privacy

Regulation	Scope & Core Requirement	District Responsibility	Status
OSIPA (Oregon State Law)	Restricts operators from selling, targeted advertising, or building student profiles.	Mandate signed vendor privacy agreements for all software.	MANDATORY
FERPA (Federal Law)	Protects student Personally Identifiable Information (PII) from non-consensual disclosure.	Ensure AI tools do not retain student data to train public models.	MANDATORY
COPPA & CIPA (Federal Law)	Regulates parental consent for under-13 tool usage and web content filtering.	Verify COPPA compliance for classroom web applications.	REQUIRED
Local RUP (District Level)	Outlines transparent assignment expectations and acceptable AI citation.	Deploy 5-level AI usage scale across school rubrics.	IN PROGRESS

Near-Term Outlook (1–2 Years)



Mid-Term Outlook (3–5 Years)

Transforming Assessment & Learning

As generative AI capabilities mature, educational structures will undergo systemic evolution:

- **Process-Oriented Evaluation:** Shifting from final written products to live oral defenses, reflection logs, and live problem-solving.
- **Multimodal Learning Assistants:** AI tutors customized to individual IEP/504 goals providing real-time audio and visual scaffolding.
- **Prioritizing Durable Human Skills:** Heightened curriculum emphasis on critical thinking, ethical reasoning, empathy, and collaboration.



Questions & Strategic Discussion

Recommended Next Steps for Board Action:

- ✓ Form a Cross-Functional District AI Steering Committee
- ✓ Review & Approve Updated Student Privacy & Software Vetting Protocols
- ✓ Allocate Budget for Staff Professional Development & Safe Enterprise Tools



Image Sources



<https://wpvip.edutopia.org/wp-content/uploads/2022/10/stock-photo-male-teacher-helping-boys-programming-at-laptops-in-classroom-232908071.jpg>

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