



**InstructureCast**

# Instructure and the White House's Executive Order on AI

# Work with SIIA to advise Federal Policy on AI



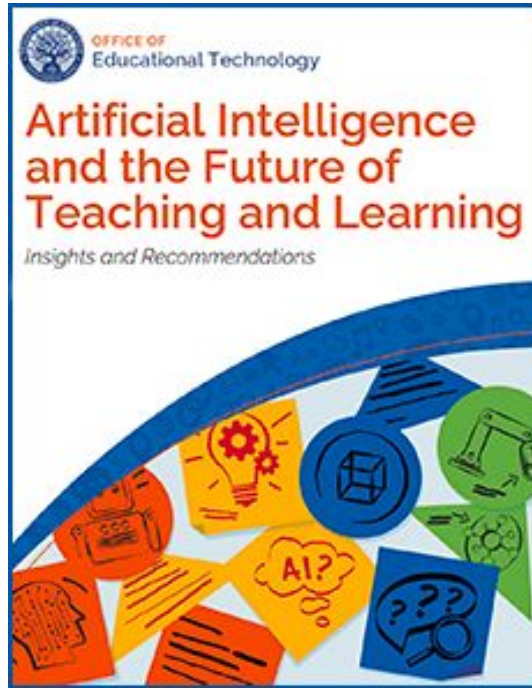
## Principles for Future of Artificial Intelligence in Education

- **Principle 1:** AI technologies in education should address the needs of learners, educators and families.
- **Principle 2:** AI technologies used in education should account for educational equity, inclusion and civil rights as key elements of successful learning environments.
- **Principle 3:** AI technologies used in education must protect student privacy and data.
- **Principle 4:** AI technologies used in education should strive for transparency to enable the school community to effectively understand and engage with the AI tools.
- **Principle 5:** Companies building AI tools for education should engage with education institutions and stakeholders to explain and demystify the opportunities and risks of new AI technologies.
- **Principle 6:** Education technology companies and AI developers should adopt best practices for accountability, assurance, and ethics, calibrated to mitigate risks and achieve the goals of these Principles.
- **Principle 7:** The education technology industry should work with the greater education community to identify ways to support AI literacy for students and educators.

# Executive Order on Safe, Secure, and Trustworthy AI

- Require that developers of the most powerful AI systems **share their safety test results and other critical information** with the U.S. government.
- **Develop standards, tools, and tests** to help ensure that AI systems are safe, secure, and trustworthy.
- Protect against the risks of using AI to **engineer dangerous biological materials**.
- Protect Americans from AI-enabled fraud and deception by establishing **standards and best practices for detecting AI-generated content** and authenticating official content.
- Establish an advanced cybersecurity program to develop **AI tools to find and fix vulnerabilities in critical software**.
- Order the development of a **National Security Memorandum that directs further actions on AI and security**.

# AI Guidance from US Office of Educational Technology



1. Emphasize Humans-in-the-Loop.
2. Align AI Models to a Shared Vision for Education
3. Design AI Using Modern Learning Principles.
4. Prioritize Strengthening Trust.
5. Inform and Involve Educators.
6. Focus R&D on Addressing Context and Enhancing Trust and Safety.
7. Develop Education-specific Guidelines and Guardrails.