

Belief Statement and Guiding Principles for Generative Artificial Intelligence in Schools

Our district recognizes the transformative power of AI in enriching the educational journey. We are committed to using AI ethically, responsibly, and in alignment with our Portrait of a Graduate, ensuring it enhances rather than replaces human connection and empowers both students and educators.



PORTRAIT OF
A GRADUATE



The Role of Generative AI in Shaping Future Education

What is Generative AI?

Generative AI refers to a subset of artificial intelligence technologies that are capable of generating new content, including text, images, audio, and video. This technology stands apart due to its ability to produce original outputs that mimic human creativity and expression. This is possible because generative AI learns from vast amounts of data, understanding patterns in text, visuals, or sound, and then uses this understanding to create something new.

In education, this means generative AI can develop personalized learning materials, create engaging and interactive experiences for students, and even assist in administrative tasks by generating reports or educational content. However, with this innovation comes responsibility. We must be mindful of ethical considerations such as ensuring the originality of content, respecting intellectual property, and being aware of the potential for misinformation. As we integrate generative AI into our schools, we aim to do so thoughtfully, balancing its creative potential with ethical and responsible use.

Generative AI: Enhancing Education in Our District

Integrating Generative Artificial Intelligence (AI) in education has become essential for future readiness in a world where technology is rapidly reshaping the teaching and learning landscape. This document marks a significant step in our district's journey towards embracing AI, setting the foundation for an innovative, inclusive, and equitable educational environment. Understanding the significance and impact of generative AI in our educational system is crucial. This section explores the crucial aspects of integrating AI into our educational practices and the overarching implications for our district's future:

Future-Forward Education: With a future increasingly shaped by digital technologies, integrating AI tools is essential. This commitment will equip our students with the necessary skills and knowledge for a rapidly evolving world.

Unlocking Potential: AI's transformative power offers new learning and teaching possibilities. This document outlines our vision to harness these opportunities, unlocking our students' and educators' full potential.

Embracing Change: In an era defined by technology, especially AI, staying ahead is vital for ensuring our educational practices meet the needs of the 21st century.

Guiding Ethical Technology Use: Navigating this new landscape ethically and responsibly aligns with our district's core values and educational goals.



The IPSD Blueprint for Integrating Generative AI in Learning

Our district’s framework provides comprehensive guidance on understanding, utilizing, and responding to generative AI within our educational environment. This framework aligns with our belief in the transformative power of AI and is based on our guiding principles of supporting personalized learning environments, enhancing human connections, empowering through AI, and preparing students for real-world challenges. Specifically, it aims to:

Support Diverse Educational Stakeholders: Serving a broad array of stakeholders by providing a consistent approach to AI implementation.

Focus on School-Based Applications: Concentrating on generative AI’s relevance in school-based education.

Aspirational and Adaptive: Setting a vision for ideal AI use in education that is adaptable to evolving AI technology and educational needs.

Define Ethical and Responsible AI Use: Establishing ethical and responsible AI use in our district’s context.

The guiding principles and statements within this framework are crafted to align with our district’s existing educational approaches and competencies, while also laying the groundwork for future advancements. It is a living document, meant to evolve with technological developments and emerging educational needs, ensuring our district remains at the forefront of educational innovation and effectiveness.

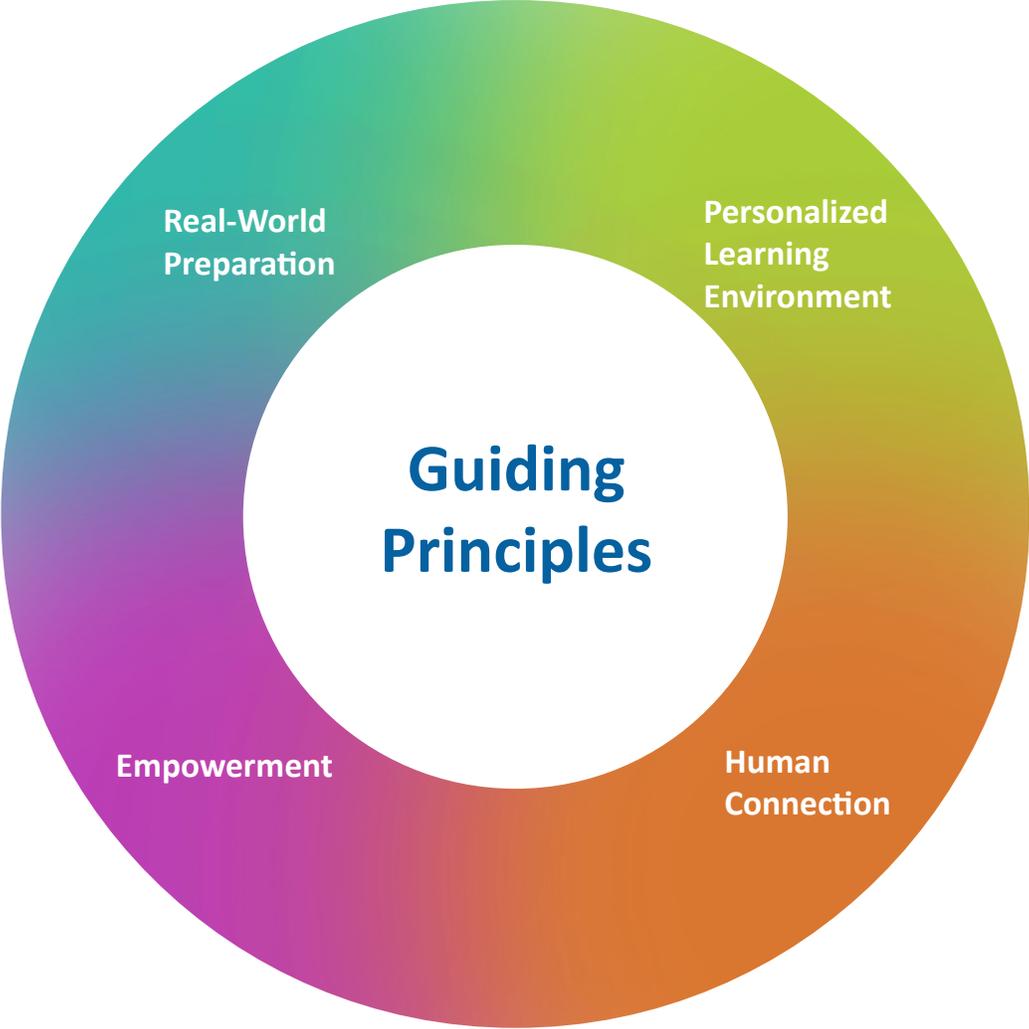


IPSD 204 AI Belief Statement

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Expanding Our Beliefs into Action - Guiding Principles

The belief statement above captures our district’s overarching vision for integrating generative AI into our educational framework. Building on this vision, our guiding principles delve deeper, illustrating how generative AI aligns with and enhances our existing educational values. These principles are not just theoretical ideals; they are actionable guidelines that reflect our commitment to harnessing AI’s potential in a way that is congruent with our core values of personalization, human connection, empowerment, and real-world preparedness. Each principle showcases how generative AI can be a catalyst for advancing these values, ensuring that our approach to AI in education is both innovative and grounded in our district’s long-standing educational philosophies.



Personalized Learning Environment

Tailored Educational Experiences: Utilize AI to customize learning activities, catering to individual abilities, learning styles, and interests.

Adaptive Learning Pathways: Implement AI systems that can adjust difficulty levels and learning materials based on student performance and feedback.

Continuous Feedback and Assessment: Leverage AI for real-time feedback and dynamic assessment, aiding in the continuous growth and development of each student.

Human Connection

Augmentation of Educator Roles: Employ AI as a supportive tool that complements, rather than replaces, the educator's role, preserving the irreplaceable human interaction in learning.

Social and Emotional Learning (SEL): Integrate AI tools that support SEL, fostering empathy, respect, and interpersonal skills alongside academic learning.

Community and Collaboration: Encourage AI-enabled platforms that enhance collaboration among students, educators, and the broader community.



Empowerment

Enhanced Educational Resources: Use AI to provide access to a rich array of learning resources and experiences, broadening the scope of education.

Teacher and Staff Development: Offer professional development opportunities for educators to effectively integrate AI in teaching, ensuring they are well-equipped and confident in using these tools.

Student Agency and Independence: Foster environments where students can use AI to explore, create, and learn independently, building their confidence and self-efficacy.

Real-World Preparation

Collaboration and Teamwork: Promote AI tools that enhance group work and collaborative projects, fostering a culture of teamwork and shared responsibility. This aligns with the principle of human responsibility, ensuring that collaborative decision-making remains at the forefront.

Creative Problem Solving: Integrate AI into problem-solving activities, encouraging students to think creatively and critically. This aligns with reliability, as it involves the use of tested AI tools that reliably support creative and critical thinking exercises.

Critical Thinking in a Digital World: Educate students on the role and impact of AI in society, teaching them to critically assess AI tools and their outputs. This aligns with monitoring, ensuring that the impact of AI on students and the educational community is regularly evaluated and managed.

Ethical AI Use and Decision-Making: Develop curriculum components that emphasize the ethical use of AI, including understanding the limitations and potential biases of AI tools. This supports contestability, allowing students and educators to question and understand the use and outputs of AI tools and decisions informed by them.

