Questions from the Field

AI Impact on Learning

ISTE+ASCD is working with education organizations across the country to support transformational teaching and learning with artificial intelligence (AI). As we develop guidance for evaluating AI-powered edtech products, we are asking teachers, education leaders, edtech providers, and industry experts to share their thoughts on key considerations and questions to ask. This infographic highlights some key considerations and questions practitioners are asking about **AI's impact on student learning.**

In early 2026, we will be publishing a revised Teacher Ready Framework that will guide teachers and education leaders in effectively evaluating AI-powered edtech products. In the meantime, questions like these from peers can provoke important reflections on how to best use AI to support student learning.

AI-powered edtech products can help educators improve student achievement by enabling more transformative learning experiences. AI has the potential to:

◆ Enable greater and more effective differentiation and personalization at an individual level.

◆ Provide greater insight from data for teachers and education leaders tracking student learning gains and gaps.

◆ Better enable teachers to support learners in elevating reflection and sparking curiosity.

What practitioners are asking about:

People curious about enhancing the student learning experience are asking...

◆ How can AI support students' critical thinking, creativity, and problem solving?

◆ How can AI differentiate content to make it culturally relevant for all students?

◆ How can AI help students be more curious and reflective about their learning journey?

People curious about improving instruction are asking...

◆ How does AI help teachers leverage edtech as an instructional coach, steering them towards new, effective ideas?

◆ How can AI-powered edtech products help teachers provide more personalized learning experiences for students?

People curious about assessment and accelerating student outcomes are asking...

◆ In what ways can AI-powered edtech improve measurement of student learning outcomes?

◆ How can AI-powered assessment help teachers deliver targeted support to accelerate the learning process?

GenerationAI is a groundbreaking educational movement led by ISTE+ASCD alongside six coalition partners designed to empower PK-12 educators with the knowledge, tools, and confidence to safely and responsibly capture the power of AI in the classroom.

Learn more and join the movement at generationai.org.

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