

Questions from the Field

AI Impact on Product Design

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 edtech product design](#).

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 engage AI in learning settings.



AI-powered edtech products should be designed in a way that is culturally relevant, transparent, and human-centered.

- ◆ AI-powered products should inspire a feeling of belonging for the students and teachers within their school communities.
- ◆ Transparency for teachers and leaders is critical, especially knowing how a product is using AI, how AI models are trained, and how student data are stored and used.
- ◆ A human-centered approach is key to product design. It's essential to involve teachers, education leaders, and students in the development of AI-powered edtech.

What practitioners are asking:

People curious about evaluating edtech product quality are asking...



- ◆ How can a decision-maker know if an AI-powered edtech product is high quality and works well?
How can users effectively evaluate AI-powered edtech products?
- ◆ What product certifications indicate an AI-powered edtech tool is transparent about how it works, including the use of student data?

People curious about evaluating the safety and security of AI are asking...

- ◆ How should edtech companies ensure student data will be stored, protected and used safely?
- ◆ What guardrails exist within AI-powered edtech products to protect users?
- ◆ Does the product provide easily accessible ways to report issues and concerns?

People curious about evaluating AI-generated content are asking...

- ◆ What are the best practices for evaluating AI output, including how to check if the output accurately represents known facts?
- ◆ How can AI-powered edtech products ensure content feels authentic and relevant to users?
- ◆ How does AI-powered edtech adapt to specific contexts (e.g. pedagogical approaches, state standards)?

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.

GenerationAI

Learn more and join the movement at generationai.org.

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