

AI in Schools: What to Know

Part 3: AI for Students

AI tools designed for student use can take many forms but there are a few categories they tend to fall into 1) personalized learning, 2) generative AI for student creativity, and 3) AI tutors or learning coaches.

Personalized Learning

Personalized learning tools use an AI model and data collected for a single student to tailor the content the student sees. This could be adjusting the content to the student's reading level or identifying weak points in the student's understanding and providing an additional lesson for reinforcement.

In the classroom, it's challenging to design a single lesson that meets the needs of every student. Personalized learning allows you to ensure each student is being appropriately challenged and none are left behind. A student who's excelling can receive a lesson that starts to dive into deeper topics to keep them engaged while a student who is struggling can receive a lesson that reinforces the fundamentals.

Product Spotlight

Amira Reading Suite by Amira Learning

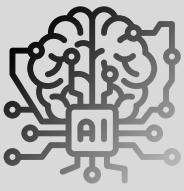


The Amira Reading Suite can be used by teachers to assess the reading skills of an entire class at once. Students read aloud and the AI identifies miscues by type and provides detailed reports to the teacher.

Teachers can also review individual student reading later by playing back audio files or reading through transcripts. With support for English and Spanish, the Amira Reading Suite is designed to be used in dual language programs.

Generative AI

Generative AI tools are a great tool for encouraging and supporting student creativity. For example, students could use generative AI to co-write a story where the student and the AI alternate pages or sentences. Or imagine a lesson covering different parts of speech, students could play a game of mad libs where they fill in the blanks and use AI to generate an image based on the completed story.



AI in Schools: What to Know

Part 3: AI for Students

AI Tutors & Coaches

For older children, AI may also take the form of tutors or learning coaches. As chat bots, these tools allow for students to ask a wide variety of questions that span subjects.

It's important to note that all chat bots are not created equal, the underlying model can greatly impact the type of responses they give. So while it might be fun for a student to use a chat bot that sounds like their favorite character, that character may give biased or inaccurate answers. Instead, look for tools specifically designed for learning which can encourage deeper thought and prompt further learning.

Product Spotlight Khanmigo by Khan Academy

Khanmigo is an AI tutor that was designed to walk students through work like math problems step by step instead of providing only the answers. To do this the model first answers the prompt and saves it as “internal thoughts” before responding to the student with the next step to get to the final answer.

Khanmigo has support for a variety of disciplines including a writing coach that walks students through creating a thesis statement or identifying main points for the body of an essay.

