How AI Can Support Personalized Learning

Emerging Themes Informed by Educator Experience

1

ASSESSMENT AND FEEDBACK
AI enables timely, personalized, and equitable assessment and feedback by identifying learning gaps, aligning to standards, and clarifying expectations. Used well, it shifts assessment from a checkpoint to a catalyst for student growth.

2

DATA-INFORMED DECISION MAKING
AI enhances educators' ability to turn complex data into clear instructional next steps by revealing trends, misconceptions, and learning needs. Used well, it shifts data analysis from a management task to a tool for informed action and collaboration.

3

ENGAGEMENT AND RELEVANCE
AI brings learning to life by connecting instruction to students' interests, experiences, and choices. Used well, it increases engagement through personalized content, flexible participation, and adaptive feedback that fuels curiosity and motivation.

4

STUDENT AGENCY
AI supports student ownership by enabling clear goals, meaningful choice, and transparent learning pathways. Used well, it helps students understand expectations, track their progress, and take greater responsibility for their learning.

5

PLANNING AND INSTRUCTIONAL DESIGN
AI supports instructional planning by expanding creativity while reducing time spent on routine tasks. Used well, it helps educators co-design high-quality, standards-aligned learning experiences while staying firmly in control of instructional decisions.

6

DIFFERENTIATION
AI makes differentiation more manageable by balancing access and challenge for diverse learners. Used well, it supports rigorous, inclusive learning through leveled content, embedded accommodations, and multimodal options.

Designed with educators, grounded in classroom practice.