How technology can support personalized learning

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Successful Personalized Learning Initiative

- Students’ interests and abilities are engaged in authentic, real-world activities to promote the learning of content area standards.
- Teachers take on the roles of facilitators and coaches in the classroom rather than the dispensers of knowledge.
- Students take control over the learning paths they take to achieve established goals, building self-efficacy, critical thinking, and creativity skills.

ISTE - Personalized Learning “A Guide for Engaging Students with Technology”
Successful Personalized Learning Initiative

● Technology enables students’ choices related to what they learn, how they learn, and how they demonstrate their learning.
● Formative assessment throughout the learning cycle, supported by digital tools, helps teachers and students address weaknesses and build on strengths.
● Progress through subject area content is measured by the demonstration of proficiency in identified skills and understanding.
● Technology is integrated throughout teachers’ and students’ experiences to support learning.

ISTE - Personalized Learning “A Guide for Engaging Students with Technology”
Team Question 1

How is technology currently being used to help teachers/students meet the demands of student learning?

Go to: pollev.com/kdamm
Connection

With the use of mobile devices, students can learn anywhere, anytime when they are connected to the subject matter.
Team Question 2

What goals does your school/district have that may be addressed with personalized learning?

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Technology

- Introduces new and efficient ways for students to receive and engage with relevant information.
- Allows for multiple avenues to demonstrate what they have mastered.
- Telling students what software/app to use creates a “cookie cutter” assignment. All assignments will look the same and students are just playing school.
Technology

● Not all applications (eg. Read 180, iXL, MobyMax) will work for all students. Let students discover what resources work the best for them.
● Teachers should help students find the tool that best fits the student’s need. This also helps differentiate student learning.
A student struggles with note-taking.

How can the teacher support the student?

Go to: pollev.com/kdammm
Assessing Digital Learning Initiatives

“Formative Assessment is a continuous measurement of achievement towards a goal” - Garth Larson, FIRST Educational Resources

Formative Assessment Tool: Clarity by Brightbytes

- Communication
- Collaboration
- Critical Thinking
- Creativity
Elementary students are asked to collaborate online with classmates

- Weekly: 18%
- Monthly: 17%
- Never: 65%
Students are asked to identify and solve authentic problems

- 25% At least weekly
- 23% Monthly
- 19% Every few months
- 33% Never
Students are asked to write online

- 17% At least weekly
- 13% Monthly
- 11% Every few months
- 58% Never
11% of teachers say they regularly ask their students to write online

Why This Matters

Digital writing assignments, like digital storytelling, can turn a student’s responses to an idea into an activity that allows him or her to “blend design, creativity, thoughtful expression, and technology skills” (Gresham, 2014).
Students are asked to receive feedback online from someone other than a teacher

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>At least weekly</td>
<td>12%</td>
</tr>
<tr>
<td>Monthly</td>
<td>11%</td>
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<tr>
<td>Every few months</td>
<td>14%</td>
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<tr>
<td>Never</td>
<td>63%</td>
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Why This Matters

Moving away from lecture-style teaching “allows teachers to pose gripping questions, problems, and challenges so compelling that students have to reach out to others to solve them using collaborative methods” that are more reflective of 21st century learning experiences (Wardlow, n.d.).
Teachers ask students to write online

- 4% At least weekly
- 8% Monthly
- 7% Every few months
- 82% Never