Help students thrive with dynamic learning experiences that are relevant and rewarding.

The Personalized Learning: A Guide for Engaging Students with Technology guidebook (brought to you by Intel® Education) was designed to help today’s educators make sense of the shifting landscape in modern education. While changes may pose significant challenges, they also offer countless opportunities to engage students in meaningful ways to improve their learning outcomes. Personalized learning structures—made increasingly available through technology and online opportunities—empower teachers and students to take charge of their education experiences. In student-centered classrooms, students meet core standards as they use various methods at different paces, based on individuals’ educational needs, strengths and interests. In this way, students learn how to learn on their own unique terms, while ensuring the highest standards possible. This approach is a major paradigm shift from the traditional “one-size-fits-all” approach to education.

- Personalization empowers students to take true ownership of their education, altering the dynamic between teachers and students.
- This new model gives teachers the time and information they need to design personalized instruction that builds the critical thinking skills crucial to independent learning.
- Teachers can also create diverse and highly personalized learning environments that recognize students’ different skills, challenges, and talents.

Topics covered: Bridging the Digital Divide, Leadership and Policies, Devices and Services, Differentiated and Individualized Learning, Personalization and Online Assessments, Meeting the Needs of All Learners (At-Risk, Students with disabilities, Gifted students, and English language learners), Blended Learning, Flipped Learning, Mobile Learning, and much more.


This guide digs deep into the essential information needed to implement personalized learning with technology and concludes with a step-by-step guide to planning, funding, and implementing a school-wide personalized learning program. When used correctly, these tips, tools and techniques allow for greater autonomy, engagement, individualization, and differentiation than ever before, while giving students more active, responsible roles in their own learning.

Personalized Learning: A Guide for Engaging Students with Technology digs deep into the learning methodologies that are fueling today’s innovative personalized learning initiatives.

Chapter 1: Why Consider Personalized Learning?

Explore how personalized learning with one-to-one computing can help educators and students meet academic goals while bridging the digital divide.

Chapter 2: A Vision of Online and In-Person Learning to Meet Student Needs

Discover the techniques and tools available to educators so that they meet the diverse needs of all learners—At-Risk, Students with disabilities, Gifted students, and English language learners—while assuring that this personalization adheres to Common Core State standards.

Chapter 3: How Can One-to-One Personalized Learning Transform Teaching?

An overview of practical and proven instructional models of technology integration, along with methods for personalizing learning activities to improve student learning.

Chapter 4: One-to-One Computing and Personalized Learning

See a one-to-one learning environment through the eyes of both a student and a teacher, and understand how teachers can ensure successful and meaningful assessment.

Chapter 5: Making Personalized Learning Work for You

By exhibiting strong leadership and understanding policies for safe and effective technology integration in schools, one-to-one learning can have a significant impact on academic success.

Chapter 6: Devices and Services

Digital tools can fuel student-centered learning by allowing students more control over, a sense of ownership of, and accountability for the learning methodologies that fit their particular learning styles, the processes that best fit these styles, and, to a great extent, the content areas that spark their interests.

Chapter 7: One-to-One Program Formats

Whether school-provided or BYOD (Bring Your Own Device), there are multiple paths to providing students and educators with the digital tools they need to absorb and effectively demonstrate such 21st-century skills as communication, collaboration, problem solving, critical thinking, and creativity.

Chapter 8: Funding

Not only can learning be personalized, but paying for that learning can too. Learn about the many grants, loans and programs available to schools and districts to help fund education technology initiatives.

Chapter 9: A Planning Process for a One-to-One Personalized Learning

The crucial steps involved for bringing about one-to-one personalized learning in your school or district are: Engaging the community; investigating one-to-one strategies and programs; choosing devices; educating participants and stakeholders; building a strong and reliable infrastructure; and phasing, evaluating and adapting your initiative.