

The Digital Generation's Classroom



1 Digital Classrooms

Teachers are using blended learning environments to adapt courses to the needs of individual students. Their pupils view lectures outside of class and complete assignments in class, allowing teachers to provide individualized attention to students during the day.

2 Educational Devices

Tablets and computers can be powerful tools for completing in-class activities. Students who participate in device-enabled learning have shown higher levels of achievement than in traditional classrooms.

3 Mobile Learning

Attending class is no longer limited to brick and mortar schools. Libraries are building mobile classrooms to bring broadband into rural communities, allowing students to complete assignments remotely.

4 Empowered Teachers

High-speed Internet connects teachers to curricula-enriching tools and professional development opportunities. Teachers also report that they get online to share ideas with other teachers around the country.

5 Location Independent

Broadband enriches the overall learning experience. Video chatting technology, projection devices and high-bandwidth networks let students experience museums, historical sites and cultural experiences—all without leaving the classroom.

6 Engaged Parents

Broadband access enables parents to stay engaged with their children's education. They can use online tools to connect with teachers and help their children complete homework assignments.

21st Century Classroom



Interested in learning more about how broadband can transform your school and community? BroadbandUSA is here to help. Our team of broadband experts provides technical assistance and field-proven tools for planning new infrastructure, assessing your community's broadband needs and engaging the right partners.

If you are interested in receiving assistance from BroadbandUSA, please contact us at broadbandusa@ntia.doc.gov or 202-482-2048.

The Digital Generation



Broadband has transformed classrooms into spaces for unprecedented levels of teacher-student interaction, collaboration between peers, and individualized instruction. These **21st century approaches** to learning are preparing children for today's workforce, and helping adults develop essential digital skills for their everyday lives.

For more information on BroadbandUSA, visit our website at www.ntia.doc.gov/broadbandusa.



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CONNECTING AMERICA'S COMMUNITIES

**Technology is
revolutionizing how
today's students learn.**