

# Technology Is Transforming The Classroom

Innovative technologies are transforming the way students learn, in and out of the classroom. Here's a closer look at the biggest trends shaping today's educational landscape and how they're impacting learning outcomes.



## Tablets Elevate Student Outcomes<sup>1</sup>

- **87% of students** find learning easier with tablets.
- **72% report** their quality of work has improved.
- **62% experience** a significant increase in motivation.



## Collaboration Platforms, Gamification, and Apps Take Learning Digital

- Courses taken on mobile devices can be completed **45% faster** than on a desktop computer.<sup>2</sup>
- **84% of schools** are implementing 1-on-1 learning experiences on school-owned devices, beginning in elementary school.<sup>3</sup>
- **Gamification** (e.g., badges on a leaderboard for improved behaviors) can lead to behavioral changes and improve learning outcomes.<sup>4</sup>
- **97% of educators** say video is essential to today's learning experiences and **94% say it improves student performance and satisfaction.**<sup>5</sup>



## Interactive Displays Focus Attention on Content

- **Up to 87% of classrooms** have at least one form of digital or interactive display installed.<sup>6</sup>
- **70% of school districts** purchasing interactive whiteboards do so to increase student engagement.<sup>7</sup>



## Movable Furniture Reimagines Classroom Design

- Some studies show a **10% to 15% increase** in test scores in classrooms with standing desks.<sup>8</sup>
- Students using standing desks experience a **5% to 10% improvement in cognition.**<sup>9</sup>
- Movable furniture that better fits students' needs results in better posture and a reduction in pain and discomfort throughout the school day.<sup>9</sup>
- Furniture customized to learning can **increase final grade results up to 10%.**<sup>9</sup>

## Infrastructure Powers Digital Learning

- **8 in 10 school districts** are investing in data interoperability, although many are in the early stages.<sup>10</sup>
- **81% of schools report** internet speeds of 100Mbps or higher.<sup>11</sup>
- **Cybersecurity is the #1 concern for school IT leaders**, but districts have to make continued progress to secure student and staff data.

1 <https://www.innovadesigngroup.co.uk/news/can-tablets-really-help-students-learn-in-the-classroom/>  
2 <https://www.edume.com/blog/mobile-learning-statistics>  
3 <https://www.cosn.org/edtech-topics/state-of-edtech-leadership/>  
4 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8037535/>  
5 <https://corp.kaltura.com/wp-content/uploads/2021/12/2022-state-of-video-in-education-kaltura.pdf>  
6 <https://www.ravepubs.com/data-shows-28-sales-increase-in-interactive-flat-panels-and-collaboration-boards-in-k-12-schools/>  
7 <https://www.prometheanworld.com/microsites/activpanel-benefits/>  
8 <https://www.today.com/video/standing-desks-come-to-school-classrooms-is-it-more-than-a-trend-550128195813>  
9 <https://www.edweek.org/leadership/classrooms-may-soon-shed-dated-desk-chair-combo/2019/04>  
10 <https://www.cosn.org/edtech-topics/state-of-edtech-leadership/>  
11 <https://www.cosn.org/edtech-topics/state-of-edtech-leadership/>



Are you ready to explore what emerging technologies can do to transform your classrooms and student learning? Contact Connection today to speak with a technology specialist.

1.800.800.0019

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