Educational Technology

No other single area continues to challenge school facility planning as much as technology. With its constantly changing nature, those designing schools of the future are tasked with creating concepts flexible enough to support tomorrow's technologies.

Key Concepts

- The physical environment of classrooms must meet the evolving demands of curriculum and instruction, emphasizing the role students play in making connections and developing ideas, solutions, and questions.
- Classrooms should be active learning environments that allow students to work in different capacities to solve problems, collaborate creatively, and discover ideas and information.
- Wireless technology and portable devices now bring internet access not just to every classroom, but to each individual student.

- Classrooms must be mobile device–friendly and equipped with robust presentation tools that include video and sound capabilities, creating a fully connected learning experience.
- Students and teachers no longer "connect" occasionally to find information—technology must be seamlessly integrated into the daily operations of every classroom. Dedicated tech spaces are becoming obsolete as constant connectivity becomes the norm.
- Learners will be expected to access curriculum, create, collaborate, and demonstrate learning in unprecedented ways. Therefore, it is essential that the infrastructure supports accessibility for all devices, resources, and audio/visual systems, along with the critical interconnectivity provided by a strong wired and wireless network.
- The backbone of the school's network must be scalable and adaptable to meet the ever-growing demand for digital resources and ensure long-term sustainability.

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