REVOLUTIONIZING SENIOR HIGH SCHOOL EDUCATION: THE IMPACT OF NEW TECHNOLOGY ON LEARNING AND TEACHING

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The integration of modern technologies has influenced senior high school education, providing unique chances for both students and teachers. Digital tools like interactive whiteboards, tablets, and online learning platforms have transformed traditional teaching methods, resulting in a more engaging and dynamic classroom setting.

Students now have access to a multitude of resources that go beyond textbooks, such as virtual laboratories, digital libraries, and real-time simulations. These tools improve learners' critical thinking and problem-solving abilities, allowing them to absorb complicated concepts more effectively. Artificial intelligence (AI) individualizes education by adapting learning paths to each student's specific needs and pace.

For educators, technology simplifies lesson preparation and delivery. Tools like learning Innovation helps educators prepare and deliver lessons with greater efficiency. Learning management systems (LMS) streamline class management, whereas platforms such as Google Classroom or Edmodo enable professors and students to communicate and collaborate seamlessly. Professional development initiatives, including as webinars and online courses, help educators stay current with the latest teaching practices.

However, these developments raise worries about the digital gap and cybersecurity. To fully realize the benefits of technology, schools must invest in infrastructure, teacher training, and equitable access to gadgets and the internet.

In the present era, technology is more than simply a tool; it is the foundation of a future-ready education system, enabling pupils to succeed in a digital environment.

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