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**IMPACT OF EDUCATIONAL TECHNOLOGY ON STUDENT LEARNING AND
RETENTION**

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ABSTRACT

Innovations in educational technology have changed the face of contemporary education by providing new ways to help students learn and remember what they've learned. There have been revolutionary shifts in the way students learn and retain information as a result of the widespread adoption of instructional technology in schools. The purpose of this research is to examine how different types of digital resources affect students' ability to learn and remember new material. Interactive simulations, instructional software, and online collaboration tools are just a few examples of digital resources that we investigate through a thorough literature study and empirical research to determine their impact on learning outcomes. The results show that students' engagement, comprehension, and memory retention are much enhanced when instructional technology is used successfully in the curriculum. Teachers can help all kids succeed in school by overcoming these obstacles and using technology to its fullest potential in the classroom. Insights for legislators, educators, and academics aiming to maximize teaching practices in the digital era are provided by this research, which adds to the current conversation on the role of technology in education.