THE TRANSFORMING ROLE OF EDUCATION IN TECHNOLOGY

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Technology has advanced rapidly in the last years making it almost all around us. It has become a potent force shaping the way we live, work, and interact with the world. The internet has become a powerful tool that connects us to people and tons of information. The globe has become borderless and interconnected bringing all possibilities unimagined. The smartphones have given us access to various and countless applications making our lives more enjoyable and uncomplicated. Robots are born building cars and machines that create new medicines; helping doctors perform delicate surgeries; exploring dangerous environments like the ocean floor or outer space; and even assisting with tasks around the house. Technology is constantly evolving bringing hundreds and thousands of possibilities.

Given the way technology is pushing forward, education is also set to change and transform. Education today is not just about using technology in the classroom but it has become about equipping students with the skills and knowledge they need to thrive in a technology-driven world. It is no longer about using the computer or navigating the internet but making students capable to succeed in an ever-evolving technological world. This advancement is already shaping every aspect of our students' lives. Thus, it is imperative that students be taught to understand how technology works, how it impacts society, and how it empowers them to become creators and innovators.

Students must be taught on how to solve problems using technology. This means empowering them to identify issues, analyze, find solutions, and experiment with different technologies to the most effective approach. Education should develop in them

critical thinking and creative problem-solving skills that would prepare them in handling real-world challenges. It should also actively involve students in the design and construction process. This means training students to work with hands-on projects, problem-solving activities, and collaborative learning experiences that foster creativity and innovation. By learning to concretize ideas, students develop critical thinking, resourcefulness, and deeper understanding of the world they live in. Lastly, education must equip students with the skills to navigate this complex landscape ethically. This means teaching them to think critically of the possible consequences of technological advancements, from privacy matters to bias algorithms. Encouraging creative thinking and making good choices will help them become responsible online users who can use technology in a positive way. Truly education plays a big role in making technology be productively used.

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