

## Technology, Teaching and Learning in a Resource-Scarce Context

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### Abstract

Technology has become a crucial tool for delivering education. This abstract delves into the intersection of technology, teaching and learning within contexts constrained by limited resources. It explores innovative ways to overcome educational constraints. Having worked in an educational environment where traditional resources such as textbooks, classrooms, and trained teachers are limited, technology offers a solution to these insufficiencies. Digital platforms like virtual classrooms, mobile applications, and online resources provide access to educational materials regardless of physical constraints. This diversification of knowledge amplifies the potential for learning, allowing students to engage with interactive content tailored to their needs and pace. Moreover, integrating technology fosters digital literacy and critical thinking skills essential for success in the digital age. Students learn not only subject matter but also essential technological competencies, enhancing their adaptive capacity for innovation. In a nutshell, technology, when harnessed effectively, has the potential to bridging gaps between the rich and poor, fostering innovation, and enabling an equitable, effective and sustainable educational development.

**Keywords:** digital; diversification; education; gap; innovation; potential; tool