FACTORS AFFECTING LEARNING

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Learning is a complex process affected by several elements that interact to define people's educational paths. These elements include environmental, psychological, and technical elements. Maximizing learning results and building good teaching settings depend on an awareness of these elements. This paper investigates the several elements impacting learning by synthesizing pertinent literature on this subject.

Well-documented is the impact of the learning environment on student learning results (Zhang, 2023). Students' educational experiences are shaped in significant part by lighting (Lekan-Kehinde & Asojo, 2021), acoustic environment (Ipinza-Olatte, 2024), and classroom design (Glaves, 2024). Furthermore, helping students learn in online environments by using Learning Management Systems (LMS) (Zhafira, 2024) has Students' learning experiences highly influenced by the teaching strategies and physical classroom environment quality as well (Rasheed, 2024).

Furthermore, several elements affect pupils' conduct and participation. While student participation in online learning settings influences academic retention ("Student Engagement in Fully Online Learning Environment Impact on the Academic Retention," 2023), self-regulated learning behavior has been demonstrated to favorably influence learning outcomes ("Self-regulated Learning Behavior"). Incorporating digital services and technology into classroom settings helps to improve student performance and efficiency (Kovalevskaia et al., 2021). Various digital-aided learning settings have been proven to provide notable student learning variations (AYAZ, 2023).

Moreover, psychological learning elements, such as self-efficacy and drive, are also important for determining learning results. Learning efficacy is highly influenced by learning motivation and self-efficacy (Ahmad, 2021). Supported learning settings and leadership help with job crafting and improving academic job satisfaction levels through leadership and influence. Online learning environments especially underline the effects of time management and technological use on learner engagement (Heo et al., 2021).

Several different and linked factors, including environmental, psychological, and technological ones, influence learning. Designing ideal learning settings requires thinking about lighting, classroom layout, technological integration, and student involvement. Understanding and addressing these elements helps teachers and institutions maximize learning opportunities, raise academic performance, and support student achievement.

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