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The Effectiveness of Using Adaptive Learning Platform to Improve English Reading Proficiency in Elementary School Students

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This study aims to investigate using digital learning resources, specifically the Adaptive English Learning Platform, to enhance English reading skills and motivation among elementary school students. With the increasing prominence of English as a global language and the challenges faced in primary-level English reading skills, this study aims to explore the practical impact of digital learning on language proficiency and motivation. The Adaptive English Learning Platform, developed by a collaborative team of educational scholars, AI experts, and teachers, has garnered attention for its innovative approach to adaptive teaching. The study's motivation stems from the platform's unique features, its international recognition, proximity to the school's curriculum, and its potential contribution to more intelligent and personalized educational methods. The research objectives encompass evaluating the impact of digital learning on English reading achievement, understanding students' motivation in digital environments, comparing traditional teaching with digital learning, and providing policy references for educational institutions. The research questions focus on improving English reading ability and motivation after using the digital learning platform. The scope of the study involves third-grade students at an elementary school in northern Taiwan, including a background investigation, pre-test and post-test assessments, and an analysis of platform usage. The study anticipates challenges related to individual differences, external factors, and platform usage, with ethical considerations guiding participant consent and data privacy. This study is expected to contribute by providing insights into the English learning environment, evaluating the effectiveness of the Adaptive Learning Platform, analyzing students' usage behavior, and offering empirical references for educational policies.

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No

Keywords

digital learning, English reading proficiency, Adaptive Learning Platform

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