

DESIGN AND EVALUATION OF A MODEL OF ELECTRONIC-DIGITAL SHORT-TERM LESSON PLANNING USING SOFTWARE IN THE EDUCATIONAL PROCESS

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ABSTRACT

The aim of the study was to examine the pedagogical advantages of developing and using an electronic-digital short-term lesson plan with software tools and to design an effective model. The research was conducted from 01.09.2025 to 28.12.2025 at Shakarim University among 116 teachers of pedagogical specialties who entered after college. During the study, electronic-digital lesson plan models were developed using Planboard, TildaEducation, and SITE123 platforms. Based on specially designed criteria, the most effective model was identified. For comparative analysis, 32 lessons were conducted over one month: 16 lessons using the traditional short-term lesson plan and 16 lessons using the electronic-digital format. The outcomes were assessed through questionnaires and evaluation criteria completed after each lesson. The research was implemented in several stages, including training in digital technologies, analysis and development of a short-term lesson plan, studying the structure of the electronic-digital format, creating models on the selected platforms, comparing the models based on defined criteria, and conducting practical lessons to compare traditional and electronic-digital formats. The results showed that, in the context of digitalization of education, the electronic-digital short-term lesson plan is an effective and practical tool for organizing the modern learning process, improving flexibility, accessibility, and efficiency in lesson planning and implementation.

Keywords: Electronic-digital short-term lesson plan, digital education, digital technologies, pedagogical planning, software.