

Chapter 18

The Role of Technology in Teaching Arabic

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ABSTRACT

Teaching Arabic has evolved beyond traditional classroom settings as the integration of cybernetics and distance learning has become essential. This necessitates investment in computer technologies and electronic software, empowering learners to actively participate in the learning process and choose methods that suit their preferences. These approaches align with the sensorimotor tendencies and cognitive abilities of learners, facilitating reading, writing, and communication skills in Arabic. The chapter explores the significance of technology in simplifying Arabic language learning and highlights key features of electronic software models designed for Arabic language acquisition. Additionally, the chapter addresses fundamental questions, including the unique aspects of Arabic language learning techniques, their impact on enhancing Arabic language teaching, the alignment of Arabic language teachers' professionalism with technological advancements, and the role of technology and information technology in promoting the widespread use of the Arabic language.

INTRODUCTION

Teaching Arabic is no longer confined to the classrooms of educational establishments, but it has become necessary to open up to cybernetics and the possibilities it offers for distance learning, by investing in computer technologies and electronic software that make the learner a participating and active individual in the learning process, and also enable him to choose methods consistent with his tendencies and cognitive abilities in teaching the reading, writing and communication of the language. To highlight some of the features and characteristics of electronic software models for learning Arabic, which concern the structural, morphological, syntactic and orthographic levels. It also seeks to address fundamental issues, namely:

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1. What are the distinctive features of Arabic language learning techniques?
2. How do these technologies contribute to improving Arabic language teaching?
3. How does the Arabic language teaching professional respond to technological change?
4. How can technology and information technology help spread the use of Arabic?

EDUCATIONAL TECHNOLOGY

The implications of educational technology or modern technologies in education are not limited to the use of modern devices or advanced technologies, but rather mean an educational method and program based on elements and components organized and studied in accordance with modern theories of teaching and learning, and as required by the demands of contemporary education, and these devices and tools are the means to help the educational process succeed.

Educational technology refers to media that include educational activities using the possibilities offered by the Internet to deliver educational content anywhere, anytime and according to learners' needs and growing interests, and Muhammad Ahmed Kaseb has defined it as "a means of learning using modern communication mechanisms from a computer, network and multimedia sound, images, graphics, search mechanisms, electronic libraries, as well as Internet portals" (Kaseb, 2019).

Following conventional, dry methods in education has led to the learner's aversion to the classroom and inability to keep pace with cognitive achievement, which has led to the need to engage with the zeitgeist as an urgent and pressing need for the renaissance of education, so e-learning has achieved benefits that meet this need, and we identify these benefits in:

1. Achieving educational goals with great efficiency, and saving time and effort;
2. Achieving learning in a way that suits the learner's characteristics in an interesting and enjoyable way;
3. Provide rich sources of information that can be accessed in a short time;
4. Motivate the learner on self-learning skills, relying on him/herself to acquire experience and knowledge, and providing effective learning tools;
5. Enable teachers and learners to be motivated to keep pace with the times and with the continuous progress of technology and science, and to communicate with developments in various fields;
6. Represent the best way to prepare the future generation for scientific and practical life (Kaseb, 2019).

Information technologies have brought about a revolution that has benefited the teaching and learning process, necessitating a reconsideration of pedagogical methods and objectives, creating the functions of teacher and learner in line with the demands of the zeitgeist, and the future of life's professions.

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