



Chapter 1

Digital Curriculum Importance for New Era Education

Malak Z. Alamri

 <https://orcid.org/0000-0002-3484-0994>
Jouf University, Saudi Arabia

N. Z. Jhanjhi

 <https://orcid.org/0000-0001-8116-4733>
Taylor's University, Malaysia

Mamoona Humayun

Jouf University, Saudi Arabia

ABSTRACT

Education is the key to success for any society. The quality of education is directly linked with the curriculum it contains, the mode of delivery, how effective it is, as well as the volume of dispersion among the society. Digital curriculum (DC) changes the tradition of old teaching and bring higher results in different domains. This chapter examines how DC has played a main role in education in society at various levels and the importance of digital curriculum in education for teachers and students. The digital curriculum has been upgraded to enhance the status of education in a new era. Change provides a greater focus on building the era education. Moreover, the effect and the future of the DC will be illustrated. This research will further bring several ways of implementing DC in different domains, different benefits of it, and its impact on the economic growth as well as in digital governance.

INTRODUCTION

As the current era is full of many cognitive and technological variables of rapid pace, which have implications for the personal, societal, political, artistic life and all aspects that are the manifestations of human life. Therefore, the educational curricula must have certain features that correspond to the requirements of living in this age and define the way To the learning that enables the individual to

DOI: 10.4018/978-1-7998-1851-9.ch001

acquire the characteristics of citizens of the twenty-first century, such as competition and the ability to innovate and the choice and flexibility and other qualities that educators believe that it should be one of the most important outputs of education, It was therefore necessary to identify these features so that the educational curriculum in turn to support the community to deal with and benefit from the data of digital and technological development.

Several people have confirmed that a country's capacity for contend in the global economy and allow its peoples to take all benefit of technological developments depend on improvement the quality of the schooling providing and confirming that which is educated is aligned with national primacies and international improvements.

In fact, people must now continue to improve and update their skills and knowledge in order to convey in a row with the continuous innovations and novel improvements in the digital world. (Alexander & et al, 2017) Education is the key to future economic, political and social progress. The use of digital resources can improve student engagement and exam results.

LITERATURE REVIEW

Today, the world is witnessing a technological and digital revolution in various fields, including education. The digital world has begun to increasingly spread in education and skills, as well as the use of technology and the Internet to provide education, knowledge and skills in novel and innovative methods. The usage of these digital technologies has helped transform learning and develop cognitive and scientific skills into a lifelong process. (Alexander & et al, 2017)

Today's society is seen as a digital society. Where people are using technology and digital media as an integral part of their daily lives and practices. Due to the process of examining and evaluating the educational process that is very important, therefore, it is necessary to work and contribute to educational reform by understanding the best digital technology and the life environment of students as they share new ideas and knowledge in learning. Extreme attention must also be given to the digital media process; In order for teachers to reach levels of progress in attention, ability and motivation to the attention of their students, In addition, emphasis should be placed on the kind of content, skills and knowledge that must be enhance by individuals, as well as on enhancing the capacity to adapt and use technology in education and society. Therefore, the process of learning and acquisition of knowledge depends on the educational curriculum and how to teach. (Chien, 2012)

Digital Curriculum Pillars

The curriculum is the sum of the educational, cultural, social, sports, religious, environmental and artistic experiences that the educational institution prepares for its students inside and outside the institution in order to achieve their overall growth and modify their behavior.

It is the content and methods of teaching and classroom activities and extra-curricular methods and teaching methods and methods of appropriate assessment and keep abreast of the changes and current and future developments of society, and the individual output adapted to the requirements of his time, achieving his personal goals and the goals of his community. (Srivastava, 2014)

16 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage:

www.igi-global.com/chapter/digital-curriculum-importance-for-new-era-education/245973

Related Content

The Contribution of Colombian Civil Society Organizations to E-Government for the Improvement of Transparency through the Use of Information and Communication Technologies

Julián G. Casasbuenas (2011). *Global Strategy and Practice of E-Governance: Examples from Around the World* (pp. 324-337).

www.irma-international.org/chapter/contribution-colombian-civil-society-organizations/52272

How "E" are Arab Municipalities? An Evaluation of Arab Capital Municipal Web Sites

Hana Abdullah Al-Nuaim (2009). *International Journal of Electronic Government Research* (pp. 50-63).

www.irma-international.org/article/arab-municipalities-evaluation-arab-capital/2066

Predicting Mobile Health Technology Acceptance by the Indian Rural Community: A Qualitative Study

Rajesh R. Pai and Sreejith Alathur (2019). *International Journal of Electronic Government Research* (pp. 37-62).

www.irma-international.org/article/predicting-mobile-health-technology-acceptance-by-the-indian-rural-community/257489

Enabling M-Government in South Africa: An Emerging Direction for Africa

Blessing M. Maumbe, Vesper Oweid and Wallace Taylor (2008). *Electronic Government: Concepts, Methodologies, Tools, and Applications* (pp. 4148-4167).

www.irma-international.org/chapter/enabling-government-south-africa/9989

Digital Disempowerment in a Network Society

Kenneth L. Hacker, Shana M. Mason and Eric L. Morgan (2009). *International Journal of Electronic Government Research* (pp. 57-71).

www.irma-international.org/article/digital-disempowerment-network-society/2071