



Immersive Learning Management for Distance and Online Learners in the Context of Educational Globalization

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Abstract. In today's education under the background of globalization, with the rapid popularization of the Internet, high-end science and technology has been used widely in various fields, and the world in the form of knowledge development, remote and widely used forms of online learning, many adopted the way of online education, education teaching activities caused the education form, a series of reform of teaching methods and students' learning management. Among them, immersive learning is very important to improve the learning efficiency of students and the long-term development of education. The theoretical and practical effects of immersive learning management have attracted great attention from the educational community, but it is not easy to achieve the state of immersive learning, in addition to the factors such as remote and network learners are not easy to directly manage. This paper analyzes the key elements, development path and learning management mode of learners' immersive learning under the conditions of distance and network learning, in order to achieve the state of immersive learning, improve learning efficiency, prolong learning interest, and hope to provide new ideas for learners and teachers.

Keywords: distance learning, network, immersion, learning management

1 Introduction

With the rapid development of modern science and technology and the change of technology in the world, modern distance education learning has gradually become a general trend, followed by learner learning effect management has become very important and immersive learning is one of the outstanding ones. It brings two-way and multi-faceted high-quality effects. ^[1] Firstly, immersive teaching enables both educators and educates to complete teaching tasks with high efficiency, excellent environment and positive feedback. Through immersion learning, learners can improve learning efficiency, strengthen knowledge firmness, achieve long-term educational

effects and cultivate lifelong interest in learning, which has far-reaching influence and great significance. Based on this goal, a series of analyses are carried out in this paper.

2 Background of globalization of education

In the era of globalization, economic, cultural and other factors of various countries affect each other, and education is also following the global tide. The emergence of distance network education to adapt to the development of globalization and the change of the world environment, distance network education can make learners free from the restrictions of time and space, information and communication technology shorten the distance between the two.^[2] The rapid development of network technology, multimedia and electronic information technology can even support transnational distance education.

2.1 Integration of viewpoints

Although different countries in the world have different social systems, cultural traditions, levels of development and forms of understanding, the basic views on education are becoming more and more uniform. For example, the purpose of education is forming a "humanistic" consensus with the core of "promoting the healthy development of students".^[3] In other aspects, the research progress of various branches of physiological science, psychological science, behavioral science and social science as well as related fields of natural science are constantly influenced and integrated. Convergence and convergence at the viewpoint level provide a common basis for imitation at the institutional level and diffusion of new technologies.

2.2 Development of educational means

In terms of educational means, modern distance education, which uses television technology, computer and network technology comprehensively, is being promoted and popularized in every country in the world, and is creating an unprecedented form of educational activities with global characteristics.^[4] It is certain that with the continuous update and development of Internet technology, the communication between the educational systems of various countries in the world will be more convenient, and there will be more and more similar and identical phenomena in the educational activities of various countries will be more convenient, and there will be more and more similar and identical phenomena in the educational activities of various countries.

2.3 Extensive contacts and cooperation

Human beings entered the information society represented by knowledge economy, profound changes have taken place in the world economy in the rapid development of science and technology, knowledge economy has emerged, especially represented by knowledge economy, information society is not only promoted the development of the

internationalization of the world economy, expand the different social system and ideology between countries in the economic field of extensive contacts and cooperation.^[5]At the same time, it has also promoted the development of human civilization and enhanced mutual understanding and friendship between people of all countries in the world. The international political pattern is becoming more and more multi-polar, thus further accelerating the development of the international economy, and promoting the common "task" that "earth people" must face: attaching importance to education and developing education.

3 Analysis of online immersive learning effect management

3.1 Key Elements

Value interactivity. Interactivity refers to the degree to which learners can manipulate objects in the virtual environment and the natural degree to get feedback from the environment (including real-time parts). In the immersive learning of distance and network learners, the interaction between students and teachers, students and courseware, students and students will be enhanced. Interactive experience is an important basis to prolong students' interest in learning and enhance immersive experience.

Create immersion. Immersion, also known as presence, refers to the degree to which learners feel that they are the protagonist in the simulated environment. It has the following characteristics: auditory perception, visual perception, psychological perception and so on. An ideal immersive environment is one that maximizes the compactness and reality of the environment and the participation of students, and schedules learners' tracking and perception of the learning content.

Construct cohesion. The presentation of teaching content should be cohesive; Feedback knowledge points to have independence; Cognitive information should be comprehensive and integrated across disciplines and regions. In the remote network immersive learning environment, learners construct cognitive experience through experience, and this construction process needs to be realized through the interaction of old and new experiences.^[6]This requires designers to have a comprehensive understanding of the teaching content, clarify the teaching requirements according to the teaching level, and provide the integrated framework of subject course series through module combination, so as to make the teaching content coherent, properly connected and comprehensive in the online immersive learning environment, so as to realize the immersive learning of learners.

3.2 Technical and event support

Study is not hard labor, more is not a task. For example, the cultivation of learning interest, the stimulation of learning motivation and the rigid demand for jobs are all the core elements that affect learning interest and experience. Because of its own attributes

and environment, it is bound to have a relative sense of resistance to learning. From the aspect of stimulating learners' interest in autonomous learning, it is necessary to build the network learning environment and atmosphere.^[7] If we adopt diversified interactive teaching methods, pay attention to practical activities, give full play to students' learning initiative, and create a strong online classroom atmosphere, the learning effect will be significantly improved.

3.3 Development Path

Multi-sensory stimulation, efficient learning. Immersive learning can enhance learning and memory by mobilizing the five senses of the body, such as vision, hearing, taste, smell, touch and other channels. In the learning process of distance and network learners, various perceptual functions of human organs will be fully mobilized, and the immersive effect will be stepped forward, and finally the efficient learning effect will be achieved. At the same time, learners also need to use their imagination, put themselves in the learning scene, put themselves as the protagonist, to experience that feeling.

Long-term educational effect, lifelong learning interest. Education is lifelong, and learning is the career of everyone's life, and immersive learning is conducive to the realization of this goal. In the immersive state, students' learning is a natural process, and the learning effect is effectively improved in the silent and pleasant environment. With the dual support of modern science and technology and simulated environment, distance and network learners have strengthened their interest in learning.^[8] In the continuous immersive learning process, long-term education goals, lifelong learning prospects, learning efficiency and visualization of learning outcomes will be greatly enhanced. It can be seen that the management and research of immersive learning for distance and network learners is worthy of in-depth discussion and application.

4 Conclusion

In the context of globalization of education, online education is favored by educators and learners due to its advantages of space, time and stronger knowledge control in building online education systems. In this situation, the distance and the network learners should be done well enough psychological construction, power immersion learning environment construction, at the same time, the remote education is not just based on the traditional education to expand the spread and development, in the process of distance and the network teaching, the teacher must to student's learning needs a certain degree of understanding, And according to the specific needs to improve their own teaching content in order to achieve an immersive environment and learning effect, immersive learning, let the mind down.

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