

The Exploration of Chinese Excellent Traditional Culture Education in the Future under the Background of 5G

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Abstract

The current excellent traditional culture education in China can not meet the basic requirements of improving the quality of learners, so it is urgent to explore excellent traditional culture education in the future. 5G is a mature network technology in recent years, which has the characteristics of high speed and low delay. The popularization of 5G brings hope for the reform of Chinese excellent traditional culture education. The education of Chinese excellent traditional culture should rely on 5G to realize the reform of educational content, method and evaluation, so as to improve the educational quality of traditional culture and further expand the influence of Chinese excellent traditional culture.

Keywords

5G, Chinese excellent traditional culture education, education exploration.

1. Introduction

Chinese traditional culture is the accumulation of Chinese civilization for thousands of years, and the education of Chinese excellent traditional culture is the basic guarantee to carry forward Chinese cultural elements. The traditional culture education is mainly based on knowledge teaching and lacks the educational effect of feeling and experience. Under the situation of 5G network developing vigorously, the excellent traditional culture education should rely on the advanced education technology, to complete the intelligent and three-dimensional turn, to achieve educational content, methods and evaluation of the reform, promote the integration of the era of excellent traditional culture and education.

2. The Features of 5G and its Educational Application

2.1. The Features of 5G

Compared with 4G, 5G has the basic characteristics of fast transmission rate, low network delay and large-scale communication. The progress of this technology provides a guarantee for the development of artificial intelligence and virtual reality. The excellent traditional culture education widely distributed in the daily life of learners, which requests the new education technology have the features of high mobility, and the mobility is precisely the important index of the communication system, 5G Network and its corresponding technology have the characteristic of mobility, which brings the hope for 5G education application. 5G network is only the foundation of practical education technology and education tools. In the specific education, VR and AR technology should be combined to complete the front-line education work.

2.2. The Application of 5G in the Education of Chinese Excellent Traditional Culture

Different from other disciplines that focus on practical skills, the education of excellent traditional culture pays attention to the improvement of people's ideological state and cultural

literacy. If the excellent traditional culture only pays attention to the teaching of knowledge in the education process, it can only increase the cultural knowledge of students, but not the cultural literacy of students. [1] The development of 5G technology has created an opportunity for the popularization and application of VR and AR. China's 5G technology is in the leading position in the world and has been widely used in the fields of communication and national defense. It is of great and far-reaching significance to explore the function of 5G in the field of excellent traditional culture and education. The application of 5G in excellent traditional culture education can be reflected in the following aspects: first, remote interactive teaching; second, VR and AR classroom teaching; third, visual teaching management. 5G's low latency and large-scale communication provide the basis for distance interactive teaching. Educators and learners can observe each other's emotional reactions, and it is easier to capture the details of the education process. VR and AR classroom teaching realizes the reproduction and experience of cultural classics, and shows the educational logic of excellent traditional culture in a visual way. The advantages of visual teaching management are mainly reflected in the improvement of teaching efficiency, including more comprehensive supervision and testing of learners, so as to improve the learning efficiency of learners.

3. Exploration of Chinese Excellent Traditional Culture Education in the Future under the Background of 5G

3.1. Exploration on the Content of Chinese Excellent Traditional Culture Education in the Future under the Background of 5G

The application of 5G and related technologies in excellent traditional culture education will bring great changes to the selection and setting of cultural content. The traditional education content is mainly through the systematic arrangement of cultural knowledge, in the view of learners, learning these cultural knowledge is only to cope with the examination. [2] After 5G and related educational technology is applied to traditional culture education, the content of excellent traditional culture education should choose historical allusions with far-reaching educational significance, and present these allusions to learners in an intuitive and visualized way through virtual reality technology. This kind of educational scene should have the characteristics of authenticity and experience, and enable learners to immerse themselves in it. The reproduction of many historical allusions needs the help of scene arrangement and environment creation. It is difficult to stimulate students' imagination only by language. For example, in the process of learning the historical allusion "Kuafu chasing the sun", VR and AR technology can be used to simulate the macro scene of Kuafu chasing the sun. This more vivid scene reproduction can stimulate learners' interest and initiative in learning, cultivate their perception ability and thinking transformation ability, and stimulate their creative thinking in a better way.

3.2. Exploration on the Methods of Chinese Excellent Traditional Culture in the Future under the Background of 5G

Under the background of 5G, the method reform of excellent traditional culture education in the future is mainly reflected in the following two aspects: first, the transfer from offline to online; second, the transfer of knowledge teaching to scene representation. Since the evaluation of traditional culture courses is not within the requirements of entrance examination, it is not necessary for learners to recite fixed cultural knowledge, which will not be memorized when they grow up, but will be forgotten after the examination. The future culture classroom has the trend of transferring from offline to online. Online traditional culture learning has the advantages of time freedom, space freedom and rich resources. Learners' time choice is not clearly limited. At the same time, learners can learn courses in any place, and can further expand

their knowledge acquisition scope by using the abundant online learning resources. Knowledge Recitation in order to cope with the examination can not improve learners' cultural literacy, and cultural literacy is not directly related to the mastery of cultural knowledge. [3] Scene reproduction is the representation of excellent traditional allusions with the help of virtual reality technology, which enables learners to bathe in the Enlightenment of classical tradition. Compared with direct knowledge transfer, classical reproduction can make learners feel the practical logic of traditional classics. This immersive perception makes the enlightenment function of traditional culture fully play, which is an effective way of future excellent traditional culture education.

3.3. Exploration on the Evaluation of Chinese Excellent Traditional Culture Education in the Future under the Background of 5G

Education itself is the social practice of cultivating people. The excellent traditional culture education is the social practice activity to improve the learners' cultural quality. [4] Therefore, the standard of curriculum evaluation should be whether the cultural literacy is improved or not, rather than the degree of knowledge memorization. However, the current evaluation of traditional culture is still the inheritance and improvement of traditional evaluation, and there is no fundamental change. This evaluation method can not select learners with profound cultural literacy, so it is necessary to create a new evaluation method of traditional culture curriculum. This evaluation method is based on 5G technology, using virtual reality technology to achieve the layout of the scene, so that learners can enter the scene and experience the classic connotation, and then express the feelings after the experience in the form of language and words. It not only tests the language expression ability of the learners, but also tests the written expression ability, and also exercises the emergency ability and psychological quality of the learners. This evaluation method regards students as the center of learning activities and provides a broader platform for students' ability. It is a more effective traditional cultural education evaluation method.

4. Analysis of the Advantages and Disadvantages of 5G Applied to Chinese Excellent Traditional Culture Education in the Future

Whether 5G should be applied to the education of excellent traditional culture and how to apply it to the education of excellent traditional culture is still a question worth discussing. From the perspective of educational effect and improvement of educational methods, 5G has great significance for the innovation of traditional cultural education. However, the current network subculture is uneven, which is easy to corrode the classic connotation of traditional culture. In order to promote the development of traditional culture and education, we should weigh its advantages and disadvantages.

4.1. Analysis of the Advantages of 5G Applied to Chinese Excellent Traditional Culture Education in the Future

The influence of 5G and related technology on the education of excellent traditional culture is mainly reflected in the way of education, which can make the fixed knowledge in textbooks live and three-dimensional. [5] The advantages of 5G applied in the education of excellent traditional culture are mainly reflected in the following aspects. First, improve the efficiency of cultural content transmission. If the learners only read the fixed knowledge in the textbook, it is difficult to catch the educational logic of the excellent traditional culture. The use of VR and AR can quickly present the traditional classics and greatly improve the educational efficiency of the excellent traditional culture. Second, improve the learning efficiency of learners. Through the sense of sight and hearing, the learners can feel the connotation of excellent traditional culture classics, and derive the effect of direct experience from this kind of indirect experience,

which greatly improves their learning efficiency. Third, it can better manage learners. This kind of management advantage mainly manifests in the online classroom, in the current online teaching process, the educator is difficult to carry on the classroom supervision to the learner, easy to cause the teaching efficiency low question, the virtual reality technology supported by 5G network can better monitor the changes of learners' behavior and expression, which is helpful to improve classroom efficiency.

4.2. Analysis of the Disadvantages of 5G Applied to Chinese Excellent Traditional Culture Education in the Future

In the network era, the corrosion of network subculture to traditional culture is also a problem that can not be ignored. The application of 5G technology in the traditional culture education will make the traditional culture education face great changes, which will also have to deal with many unknown difficulties. First, traditional culture is easily corroded by network subculture, which leads to the alienation of classical tradition. Network culture is a kind of culture with profit and entertainment as its main goal. It can not form a collaborative education system with traditional culture. Traditional culture should actively avoid the corrosion of network culture in the development process. However, 5g technology is easy to cause corrosion of network culture on traditional culture in the application process of traditional culture education, which makes traditional culture education face certain risks. Second, it is easy to form an entertainment tendency in the study of excellent traditional culture. The education of traditional culture relies too much on the network, and teaching the content of traditional culture in the way of scene reproduction is easy to give learners an illusion that traditional culture curriculum is a tool for entertainment and relaxation, which makes learners feel slack in the learning process.

5. Summary

To sum up, the current Chinese excellent traditional culture education is in urgent need of education reform. 5G and related technologies have played a huge role in improving the educational effect of excellent traditional culture. The future excellent traditional culture education should be able to meet the requirements of improving students' cultural literacy. In terms of educational content, virtual reality technology is used to realize the reproduction and experience of classics. In terms of educational methods, it is necessary to transfer from offline to online to create an experiential virtual classroom. In terms of education evaluation, it subverts the test determinism and takes the promotion of cultural literacy as the main index. At the same time, we should avoid the corrosion of network subculture on traditional culture. Only in this way can we maximize the educational effect of excellent traditional culture education and enhance the influence of traditional culture education.

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