

Construction of Digital Animation Teaching System in the Context of New Media

Zhou Junsheng

Xi'an University, 710065

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Abstract: New media is a new information mode which is different from traditional media. It refers to a new form of media which appears under the condition of informatization, integrates information storage and dissemination, and has distinct and irreplaceable characteristics and advantages. New media has a long-term and profound impact on people's work and study. In the field of education, the emergence of new media provides great opportunities for the reform of many disciplines. This paper briefly introduces many characteristics of new media and gives the construction of digital animation teaching system based on new media.

New media is not only a platform, but also a means of communication. The definitions of new media vary from person to person. The so-called new media, in a sense, refers to the current media environment; in short, the new media is more of an environment. The new media includes almost all the current digital media forms, including the traditional network, network media, mobile media, digital television newspapers and periodicals and so on. It is precisely because of the wide range of content of new media that it is a relatively broad concept. As far as the application of new media is concerned, it mainly refers to the use of digital technology, network technology, through the Internet, as well as computers, mobile phones, digital television terminals and other terminal equipment, so as to provide certain users with information and entertainment services. Therefore, many people also call the new media "digital new media". New media has the characteristics of interaction and timeliness, and can seamlessly spread massive and diverse forms of information between individuals and communities.

1. Advantages of New Media and Its Influence on Education and Teaching

With the development of science and technology and the progress of the times, new media has attracted more and more attention from various industries. The continuous prosperity of new media has also aroused widespread concern in academic circles. Many scholars have carried out long-term systematic research and made a lot of important attempts on the application of new media in the field of education and teaching. On the whole, very good results have been achieved. New media has become a powerful auxiliary means in education and teaching.

First of all, the new media is novel in form and vivid in image. The new media is a kind of three-dimensional information dissemination carrier and means of communication. The new media integrates a variety of performance contents such as sound, image, text and so on. In the process of

communication, it presents the rigid plane content to the audience in a novel and distinct form by means of color, light and shadow, text interaction and so on.

Secondly, the new media, as an information means, has the function of massive information storage and centralized display.

Finally, compared with the traditional media, the new media has a very powerful interactive function, which makes the new media not only passively display the content, but also realize the point-to-point communication and interaction between many parties.

These characteristics and advantages of new media equip it with a wide range of application prospects in the field of education and teaching. With the rapid development of new media technology and the deepening of technology, the use of new media for education and teaching has been widely used in many schools. The application of new media technology has posed a strong challenge to the traditional education and teaching in many fields. Digital animation, as a very practical course, has been influenced strongly in particular. New media technology is beneficial to change the traditional educational concept of digital animation teaching, and promote the change of digital animation teaching mode, teaching system, teaching content and teaching methods. With the popularity of new media technology in and out of class, digital animation teaching methods have been continuously improved, which are of great benefit to the implementation of quality education, lighten the burden of students, reduce the pressure of students, stimulate students' interest in learning and so on. In a word, the influence of new media on digital animation teaching can be summarized as follows:

1.1 It Promots the Transformation of the Teaching method of Digital Animation

New media can fully guarantee the initiative of students. The new media takes the network platform as the learning tool, on this platform has the rich learning resources, the student can make full use of the network to collect and collate the learning materials. This model breaks the traditional teacher-centered way of education and teaching, and highlights the subjective status of students. At the same time, new media technology is also conducive to teachers to update their ideas. Today, with the rapid development of science and technology, teachers shoulder a special historical mission in cultivating students' innovative spirit. In order to cultivate students' innovative spirit, teachers themselves should be good at innovation. If teachers lack innovative thinking, then the subject will also lose its soul and motivation. The application of new media technology in education and teaching contains many cutting-edge scientific and technological achievements. To some extent, the digital animation course under the new media environment is a new concept curriculum, which is based on information technology and network technology. It extends to communications, multimedia and other fields. If teachers want to fully adapt to the teaching under the new media, they must integrate and improve their knowledge structure and broaden their horizons.

1.2 It Greatly Improves the Quality of Teaching

New media technology can effectively improve the display and interaction of teaching means for complex knowledge in the teaching process, resulting in the explosive growth of teaching content and teaching capacity. In the new media environment, digital animation teachers can make high-quality courseware with rich content, diverse forms and close to students' preferences through modern technical means. The digital animation course in the new media environment has undergone great changes in terms of information transmission structure, students' cognitive structure, classroom time integration, and the means of communication between teachers and students. Rich and interesting teaching methods and teaching content greatly stimulate students' interest in learning and lead students to explore unknown fields.

1.3 It Effectively Expands the Teaching Space

At present, the construction of campus network in China has begun to take shape. We should make full use of this resource to build a new media curriculum system with school characteristics and digital animation characteristics. At the school level, we should fully mobilize the participation enthusiasm of the majority of digital animation teachers and students, encourage the majority of teachers to make concerted efforts, formulate new media curriculum programs in line with professional development plans, and mobilize teachers to collect, sort out and produce college English-related educational resources, which can include audio resources, video resources, pictures and text, and so on. The school can mobilize teachers of science and engineering related majors to develop simple and easy-to-use clients according to the actual needs of students, so that students can log on to the information system at any time in their spare time and obtain information quickly and efficiently.

1.4 It Strengthens the Practical Links of the Students

New media is a constantly changing and developing thing. With the integration of Internet, mobile phone network, TV network and other technologies, we have new channels and means for the cognition and practical ability of things. Compared with the traditional digital animation teaching, the most essential feature of digital animation education and teaching under the new media background is interaction, and more digital animation teaching has been constructed based on this point. Interactivity makes students' study of digital animation professional and personalized, changes the indoctrination way of traditional educational teachers, and makes students' learning change from passive cramming to active exploration. Students unconsciously improve their practical ability in the search for knowledge, which lays a solid foundation for the improvement of students' practical ability and the cultivation of innovative ability.

2. The Key Elements of the Construction of Digital Animation Teaching System under New Media

New media is based on digital technology and network technology, with all-weather, all-round service characteristics, which not only meets the needs of teachers and students to work and study, but also meets the needs of teaching reform and innovative development in the field of education. Under the general requirements of quality education, we should adhere to the concept of people-oriented education, highlight the dominant position of students, make use of the broad resources of new media combined with task-driven teaching, scientifically, reasonably and orderly arrange students' learning tasks in and out of class, tap students' potential through various ways, stimulate students' enthusiasm and initiative in learning, and constantly cultivate students' autonomous learning ability, so as to make them competent to develop good habits out of campus in the future.

The construction of new media digital animation teaching system mainly includes the following key elements:

2.1 It Further Optimizes the Content of Classroom Teaching

The application of audio materials, image materials and so on makes the classroom teaching get rid of the boring atmosphere. Under the new media environment, students' interest in learning has been fully stimulated, and the teaching content has changed from flat to three-dimensional and diversified. Teachers can organize discussions on some questions, and if they encounter topics that

most students are more concerned about, they can mobilize students to make use of the resource pool in the new media environment to seek answers.

2.2 It Has Greatly Expanded the Teaching Space

The new media teaching supported by network technology is not limited by time and space, so that teachers and students can carry out flexible and convenient classroom interaction at anytime and anywhere. In this way, students can make full use of their spare time. At the same time, the application of new media teaching means can effectively overcome the differences in learning ability caused by students' individual differences. The traditional digital animation teaching often neglects the individual differences of students, takes teaching as the foundation, and pursues the standardization and consistency of knowledge teaching. For this reason, our education is often to stifle the personality and freedom of students as the premise and results, it is difficult to teach students in accordance with their aptitude. New media technology makes it possible for people-oriented teaching concept, students can according to their own learning hobbies and interest characteristics to explore learning resources independently.

2.3 It Has Fully Forged the Students' Practical Ability

Digital animation is a very practical course, without the practical attribute, it will lose the basic learning conditions. After-class practice in traditional teaching, it is difficult to improve students' practical ability of digital animation in essence. In addition, under the traditional education mode, the practical way of students is very single, many students have been quite tired of it. The new media has opened up a broad space for the development of students' practical activities, and is deeply loved by the majority of students. At the same time, students can also exercise their ability of teamwork and innovation in these activities.

3. Conclusion

The wide application of new media technology will promote the modernization of digital animation teaching. The application of new media technology in digital animation teaching can effectively expand students' comprehensive ability and comprehensive literacy, enrich students' professional vision, and strengthen students' practical ability.

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