Application Research on teaching Management of rural art Quality Education based on educational informatization

Qun Liang

Nanning University

liangqun2056@163.com

Abstract. In the innovation and development of modern education, the continuous increase of information technology and information resources for educational concepts education methods, organizational forms, classroom quality provides an effective basis, which has a positive role in promoting the all-round implementation of quality education in rural areas. As the basic component of national informatization, education informatization will regard information as the basic element of education system, and integrate information technology and information theory in every stage of education to realize the goal of education modernization. After understanding the relationship between educational informationization and quality-oriented education, according to the implementation of rural art quality education under the background of educational informationization, this paper deeply discusses the teaching management system with educational informationization as the core, and proposes effective countermeasures based on the requirements of rural art quality education.

Keywords: Educational informatization; The countryside; Art; Quality education; Teaching management.

1. Introducion

In essence, quality education is based on the long-term development of the education group and the society, to put forward effective educational guidance measures for all students, continue to optimize the basic quality of students, the cultivation of humanistic spirit and innovative spirit as the core content, and actively develop students' learning potential, so as to ensure that they can develop morally, intellectually, physically, the United States and labor in an all-round way. During the period of education, the characteristics of quality-oriented education concept are mainly reflected in the following points: First, subjectivity. Quality education refers to self-education with students as the main body. Second, totality. Quality education is an educational activity facing all students. Third, development. Quality education is mainly used to cultivate students' self-development ability. Finally, openness. Quality education pays more attention to open the way of thinking of students, all teaching work is to cultivate talents in line with the needs of the development of The Times, pay attention to the overall development of students and personality development.[1-3]

In the development of modern information technology and the construction of the international Internet, computer network is widely used in the whole process of education. It is not only a technical and cultural factor, but also a social and cultural factor, which directly affects the reform and development of educational outlook, teacher-student outlook, learning outlook, talent outlook and other aspects. Based on the accumulated experience of practical education, educational informatization plays a main role in constructing quality education. Some scholars put forward in their research that effective learning depends on the active participation of students, and the role of teachers and schools is to create a high-quality learning environment for students and encourage and support their self-education and learning. However, the traditional education concept is teacher-centered and fails to show the principal position of students in learning. Students can only passively accept knowledge, which has inconsistent requirements for the subject of quality education. With the construction of a new teaching management system based on education

informatization, the roles of students and teachers have changed significantly. Students can give full play to their enthusiasm and initiative in learning and exploring by relying on the modern educational media platform. Teachers should change from knowledge imparts to teaching designers and activity organizers, so as to provide students with a high-quality environment for innovative knowledge learning. At the same time, education informatization improves the ultimate effect of quality-oriented education, gets rid of the time and space restrictions of traditional teaching, fully mobilizes students' senses, presents diverse and interesting teaching content, and enables students to actively participate in learning and exploration.[4-6]

By understanding the implementation of rural art quality education, it can be seen that compared with the traditional exam-oriented education concept, the differences between them are mainly shown in Table 1:

Table 1. Comparison between traditional exam-oriented education concept and artistic quality education concept

	exam-oriented education	education for all-around development
Educational object	For a few students (top students)	For all students.
Educational purpose	Preference for knowledge transfer	Intellectual, moral, physical, aesthetic, psychological and productive education are carried out in an all-round way.
Ability training	Neglect ability training	Attach importance to the cultivation of various abilities.
teaching method	Rote memorization, mechanical repetition	Heuristic and inquiry learning
Student evaluation	Discriminatory/selective evaluation/selective evaluation, with test scores as the only criterion for evaluating students.	Developmental evaluation, multiple evaluation methods and multiple evaluation subjects.
content of courses	Too much emphasis on the subject system, ignoring the comprehensive and applied content, divorced from the actual life of students, ignoring practice and other issues.	Attach importance to synthesis, and combine teaching content with students' experience and practice.
Educational focus	Be confined to school	Pay attention to development, lifelong education and lifelong learning.
essential difference	Whether it can cultivate students' innovative spirit and practical ability is the essential difference between exam-oriented education and quality education.	
contact	Quality-oriented education is a kind of education mode that is aimed at exam-oriented education.	

Due to the current problems of art quality education in rural areas, such as weak teachers, poor schooling conditions, shortage of teaching resources and single educational structure, the education field should not only study the main reasons for these phenomena, but also put forward effective solutions according to practical development in the modern education innovation and development. First, social and economic development. The productivity in most rural areas of China is relatively

backward, and there are few other means to make a living except planting and breeding. Especially in rural areas of central and western China, agricultural production technology is old-fashioned and the level of agricultural modernization is low. Even young people who have received basic vocational education have little space for entrepreneurship. Second, social capital. Compared with parents of urban students, parents of rural students have less social capital, so they can only rely on good academic performance to compete with urban students, which further intensifies the prevalence of exam-oriented education in rural schools. Finally, school conditions. This content is the main factor that hinders the full implementation of education informatization and art quality education. Compared with urban schools, it is difficult for rural schools to meet the needs of education reform in terms of curriculum resources, books, materials and experimental equipment, especially in the central and western regions, where there is no experimental equipment and information technology to support them. Therefore, on the basis of understanding the development trend of education informationization and according to the requirements of rural art quality education and teaching management, this paper deeply discusses the application measures of rural art quality education and teaching management based on education informationization, so as to lay the foundation for improving the comprehensive level of rural education.[7-9]

2. Methods

2.1 System Requirements

In order to fully implement art quality education and teaching in rural areas, a management system should be built in combination with educational informatization, which can not only make full use of human resources and physical resources, but also reduce the work intensity of educational administration personnel. In addition, scattered archival information can be stored visually in the database to provide effective basis for subsequent education guidance. The teaching management system of rural art quality education based on educational informatization should have three functions: first, information requirements. The user must enter the system to obtain the export information; Second, deal with the requirements. Users should complete various service functions through the system to ensure that the processing method and response time meet the development requirements; Finally, security and integrity. The data information of system operation should be secure and complete.

2.2 System Analysis

Under the background of the development of education informatization, rural art quality education should get rid of the restrictions of traditional ideas, not only make full use of modern technology and network platform to build a perfect management system, but also complete data analysis according to system functions, and pay attention to providing functional services for time education as shown in Figure 1 below:
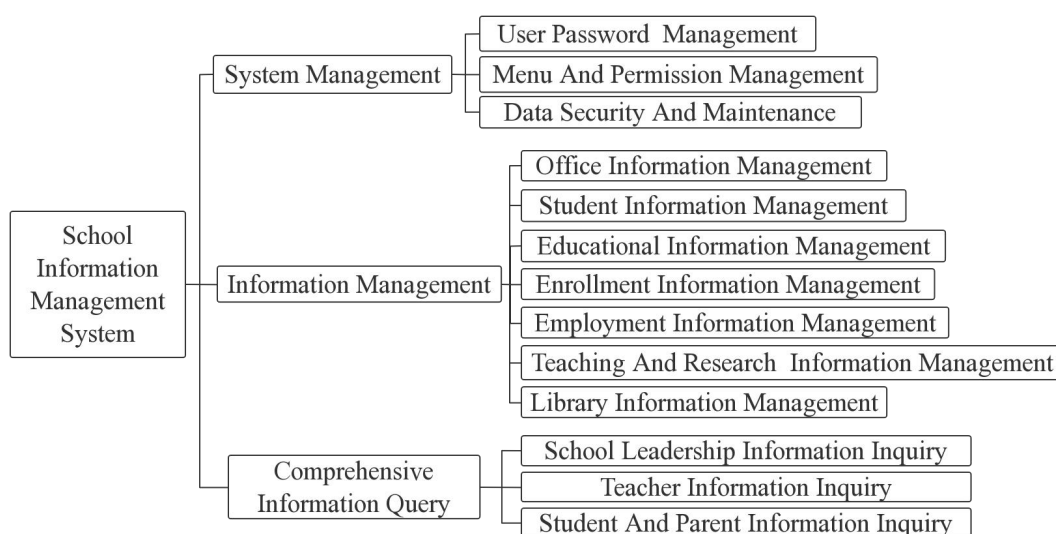
Figure 1. Structure diagram of system functions

According to the above analysis, the overall system design is divided into three modules: First, system management. This module includes user password management, menu and authority management, data security and maintenance; Second, information management. This module includes office information management, student information management, educational information management, investment information management, employment information management, teaching and research information management, library information management; Finally, comprehensive information query. This module includes the information of school leaders, teachers, parents and other aspects of the inquiry application. All three designs can provide technical support for the implementation of rural art quality education. For example, according to the school's teaching characteristics, teaching concepts and social needs, the Academic Affairs Office can put forward quality education plans for cultivating excellent students, present more valuable content of artistic quality to students by using the management system platform, and require teachers to organize and carry out a number of activities according to the teaching arrangements, as shown in Figure 2:[10-12]
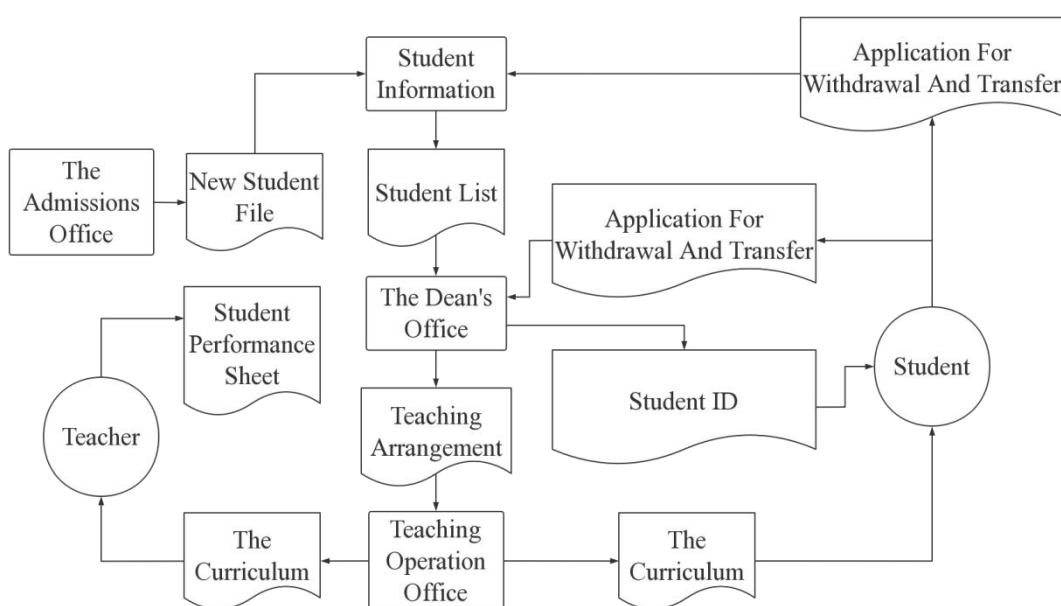

Figure 2. System business flow chart

In the overall system operation process, data information is the core content of rural art quality education teaching management, can be used to fully show the operation process of educational

administration management information system, can be organically combined with various business processing process of information, in order to provide effective basis for art quality education teaching management. Among them, the process of student achievement management is shown in Figure 3 below:
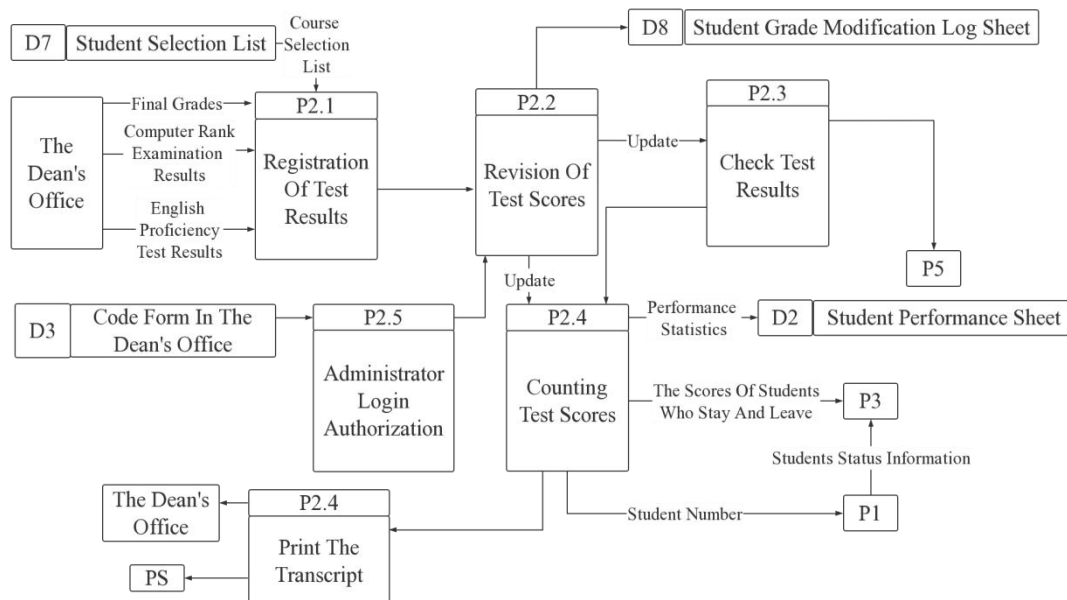

Figure 3. Flow chart of student achievement management

Rural art quality education teaching management system structure based on education information is a typical management information system structure at present, in the development and construction of mainly divided into two aspects, on the one hand refers to the development of the front-end program, on the other hand refers to the establishment and maintenance of background database. By integrating and studying the accumulated experience of rural art quality education and teaching in recent years, strengthening the cultivation and teaching of art fields such as fine art, dance and Go, and gradually optimizing students' ability and quality and knowledge cultivation, they can truly meet the educational needs of the new era.

3. Result analysis

The integrated research on the teaching management of rural art quality education based on education informatization found that although it gradually got rid of the restriction conditions of traditional exam-oriented education concept, the practical education should do the following work: first, change the traditional teaching concept, strengthen the attention of rural art quality education informatization. In the application of modern educational technology in rural art quality education, we must first make clear the importance and subjectivity of students' growth, strictly follow the law of education and the law of youth's growth, fully implement the educational guidelines put forward by the Party organization, further clarify the school philosophy, and organize and carry out the activity mode with art education as the core for all teachers and students. Improve students' cultural and artistic quality, and gradually form an art education system with regional characteristics; Secondly, we should build a rich and interesting curriculum system based on the educational philosophy of art characteristic education. According to the analysis of the curriculum design structure shown in Figure 1 below, in order to better meet the needs of students' educational development, in addition to the compulsory courses represented by linguistic factors such as media, rural schools also need to design curriculum content related to science and technology, art, sports, etc., pay attention to collecting more rich teaching resources from the network platform, and integrate art elements with subject teaching. Get rid of the traditional time and space constraints, so

that students can use the knowledge to solve practical problems, so as to improve their learning ability, information processing ability, problem solving ability.[13-15]
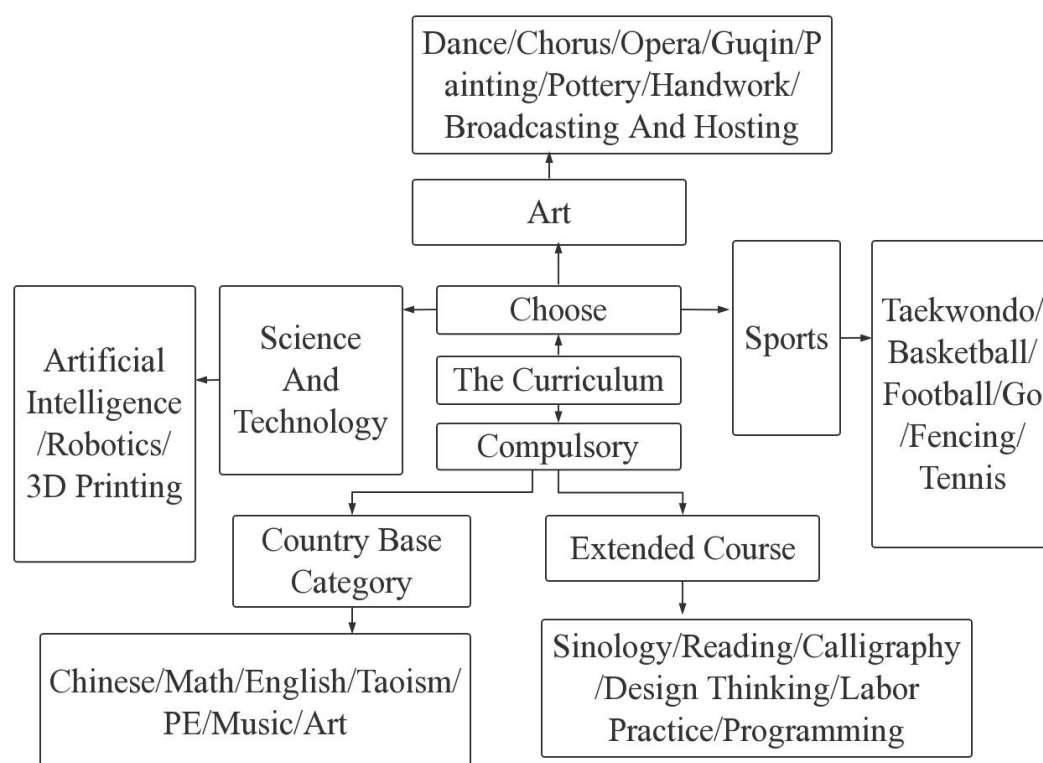

Figure 4. Structure diagram of quality curriculum design

Third, strengthen infrastructure construction, set up special expenditure. In order to optimize the level of infrastructure construction of rural art quality education, schools should establish special funds, clarify the application requirements of modern educational technology and equipment, and provide technical support for educational reform and innovation. Although most rural schools have realized the importance of artistic quality education, they have not introduced the latest educational technology means, and have not improved the management mode and educational resources, which leads to the failure of practical educational activities to achieve the expected results. Therefore, rural areas should maximize the use of educational information technology means, make clear the maintenance and repair work flow of equipment and machinery, organize subject teachers to participate in the application training of technical equipment, develop an incentive mechanism consistent with practical work, integrate the evaluation of educational information with the evaluation of teachers' professional positions, encourage and support teachers to learn and use modern educational skills. Pay attention to the creation of a good art quality education environment; Finally, the effective integration of information resources to promote the integration of multi-curriculum development of educational management informatization. Software resource environment is an application platform based on application management system, application software resources, network course resources and other hardware environment. It is applied in the teaching management of rural art quality education. On the one hand, it is necessary to establish educational resource database, collect and sort out various educational resources, and truly realize the sharing application of educational resources. To obtain the support and recognition of local government departments, provide financial support for the construction and management of rural education informatization, call on enterprises and social forces to participate in the investment and construction, so as to improve the environment for the implementation of art quality education.

Conclusion

To sum up, in the construction and development of education informatization, rural areas should not only attach importance to the art quality education teaching management, but also create an information management system in line with The Times education according to the accumulated experience of practical teaching and existing technical means, and put forward a quality education system to promote the healthy growth of students, only in this way can the expected teaching objectives be achieved.

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