

RESEARCH ON THE DEVELOPMENT STATUS AND IMPROVEMENT STRATEGIES OF INFORMATIZATION MANAGEMENT IN RURAL PRIMARY SCHOOLS: A CASE STUDY OF RURAL PRIMARY SCHOOLS IN TONGREN CITY, GUIZHOU PROVINCE

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ABSTRACT

Applying information technology and information management methods to rural primary school management can optimize school management methods, Improving the utilization rate of educational resources, promoting urban-rural education equity, promoting education and teaching reform, and improving education management play a decisive role. However, in practical development, due to the backwardness of information infrastructure construction in rural primary schools, insufficient information management capabilities of teachers, and outdated educational information management mechanisms, it greatly hinders the development of information management in rural primary schools and is not conducive to the improvement of rural education and teaching quality. Therefore, this study takes rural primary schools in Tongren City, Guizhou Province as an example to conduct a systematic analysis of information management in rural primary schools, In order to identify problems and propose solutions. The paper adopts questionnaire survey and case analysis methods to empirically analyze the current situation and influencing factors of information management in rural primary schools in Tongren City, Guizhou Province. Through empirical research, it is found that the factors affecting information management in rural primary schools include information infrastructure construction, educational resource application, information teacher team construction, and information management construction, The specific problems are manifested in the lack of information infrastructure in rural primary schools, inefficient application of educational resources in rural primary schools, low level of information technology teaching among rural teachers, and insufficient planning and management of information technology in rural primary schools. The paper concludes that the current situation of information management in rural primary schools in Tongren City is not optimistic, and it is necessary to increase investment in the construction of information management in rural primary schools; Emphasize the development of information management resources in rural primary schools; Improve the information management ability of teachers; Improve the information management system and planning of rural primary schools in four aspects to promote the level of information management in rural primary schools.

Keywords: Education informatization; Information management; Rural primary schools; educational resources

INTRODUCTION

Educational information management is the direction of the times. As a new management method, educational information management can improve the efficiency of teachers, enhance the learning level of students, enhance communication and interaction between teachers and students, and improve the management process of school education. After more than ten years of development, the information management of rural primary school education in Tongren City has made certain progress. However, there is still a significant gap compared to urban areas, and there are still many urgent problems in information technology management, including insufficient information hardware facilities, inefficient application of educational information resources, low level of information technology teaching among rural teachers, and insufficient information planning and management. This has caused significant obstacles to the management of rural primary education.[1] It can be said that the outdated education management model of rural primary schools in Tongren City cannot adapt to the pace of information technology education reform and effectively promote the rapid development of rural primary education. Therefore, it is necessary to carefully study the current situation of information management in rural primary school education in Tongren City, identify its existing problems, and eliminate the gap. The paper takes rural primary schools in Tongren City as the research object and adopts a combination of questionnaire survey and interview methods to analyze the information management status of rural primary schools in Tongren City, Guizhou Province.[2] It comprehensively recognizes the practical impact of current information management on the information management of rural primary schools. Based on the analysis of the problems and reasons of information management in rural primary schools, from the construction of information management infrastructure, teacher team and skill training, Specific optimization measures have been proposed in terms of the application of information technology education resources, management mechanisms, and management planning to solve the problems in the information management of rural primary schools in Tongren City. This has improved the practical level of information management in rural primary schools in Tongren City and has practical guiding significance for the construction of information technology teaching staff, application of information technology education resources, and reform of information management mechanisms in other schools in Guizhou Province.

METHODOLOGY

Literature research method: The paper uses the literature retrieval method to browse the network resources of the data, search the library collections, sort out the "informatization/Internet plus education", "education informatization management" and other documents, and obtain the relevant research and theories of topic selection research, thus playing a scientific theoretical guiding role in topic selection research.

Questionnaire survey method: A questionnaire survey can reflect specific issues in a specific environment, and compared to other methods, the survey results are more targeted. The participants were rural primary school teachers and administrators in Tongren City. The survey research is a multidimensional questionnaire survey conducted on teachers from two aspects: background information of teachers and management personnel (gender, age, education level), and the current situation of school

information management. The purpose is to understand the problems that arise in the information management of rural primary schools in Tongren City.

Interview method: The study focuses on rural primary school teachers and management personnel in Tongren City as the interviewees. Non structured discussions and random conversations are used to reflect the real situation more deeply and comprehensively, and to improve the authenticity of the survey. After the interview, the interview records were organized to form materials. During the questionnaire survey, the information was not detailed enough, and the problem analysis was not in-depth enough to supplement the research topic, in order to better fit the current development status of information management in rural primary schools in Tongren City.

Case study method: Case study method is mainly used by researchers to select one or more scenarios as research objects, systematically collect data and information, and conduct in-depth research on them, in order to explore the situation of a certain phenomenon in a real living environment. It belongs to one of the field research methods. This paper selects four rural primary schools in Tongren City as research cases to understand the specific situation of information management construction and implementation in rural primary schools.

RESULTS

In recent years, with the help of relevant policies, rural primary schools have actively attempted to carry out information management work and have achieved certain results. However, due to the lack of scientific theoretical guidance, the development of information management in rural primary schools lacks macro planning and micro guidance. [3] At the same time, some rural primary schools lack sufficient information hardware facilities, teaching staff, and planning management, which hinders the process of information management in rural primary schools, leading to slow progress in information management work and relatively few actual achievements. The paper adopts questionnaire survey and case analysis methods to investigate the current situation of information management in rural primary schools in A city, Shanxi province Empirical analysis was conducted on the influencing factors of information management, and it was found through empirical research that the information technology of rural primary schools is affected The factors of management include the construction of information infrastructure, application of educational resources, construction of information-based teaching staff, and informatization There are four aspects of management and construction, with specific problems manifested in the lack of information infrastructure in rural primary schools and rural primary education Inefficient resource application, low level of information technology teaching among rural teachers, and insufficient information planning and management in rural primary schools. [4]The paper concludes that the current situation of information management in rural primary schools in City A is not optimistic and needs to be further strengthened Investment in the construction of information management in rural primary schools; Emphasize the development of information management resources in rural primary schools; Improve teacher information Ability in chemical management; Improve the information management system and planning of rural primary schools in four aspects, in order to promote The improvement of information management level in rural primary schools.

CONCLUSION AND FUTURE WORK

Through investigation and research, the paper found the following main problems: in terms of information infrastructure construction, there are still some rural primary schools in Tongren City, Guizhou Province that are not equipped with computers and lack information infrastructure. The main reasons are the urban-rural differences, insufficient funds for rural primary school construction, and insufficient infrastructure investment, making it difficult for rural primary schools to achieve comprehensive development. In terms of the application of educational information resources, investigations have found that computer performance is insufficient and the application of educational resources in rural primary schools is inefficient. The main reasons are the incomplete construction of school websites, and the construction of video conferences and multimedia systems is just a formality; Information technology does not match the curriculum. In terms of teacher resources and skills, many rural primary schools in Tongren City, Guizhou Province have launched information technology courses. However, the information technology teaching level of rural teachers is relatively low, and the main problem is that the proportion of professional teachers needs to be improved; Low information literacy of teachers; Information technology training is not strong. In terms of educational informatization management planning, it was found through investigation that the person responsible for managing informatization is generally the Director of the Academic Affairs Office. However, during the implementation process, the informatization planning is chaotic, mainly due to unclear management planning and insufficient leadership ability.

Future Work Recommendations:

Firstly, we should increase investment in information construction in rural primary schools, improve infrastructure and hardware levels, accelerate infrastructure upgrades, and improve equipment utilization efficiency. Secondly, it is necessary to strengthen the development of teaching resources, improve the efficiency of information equipment utilization in rural primary schools, and promote the sharing of teaching resources. Once again, it is necessary to strengthen teacher information technology training, expand the proportion of professional teachers, and improve teacher information operation skills. Finally, it is necessary to promote complementarity between urban and rural areas from a top-level design perspective, narrow the gap in information technology between urban and rural areas, strengthen the planning of information technology in rural primary education, and develop new information education management models. In short, through educational informatization management, combining educational information, teaching resource utilization, teaching content innovation, and teaching management method reform in schools, and utilizing big data information technology for planning and understanding, an efficient modern management model can be formed, which plays an important role in the development of rural primary school education and teaching.

ACKNOWLEDGEMENTS

During the process of completing this paper, there were too many people and things worth thanking me for. The numerous support and assistance made me grateful and grateful. Without your support and encouragement, I would not have been able to complete my research work. Here, I would like to express my sincere gratitude to the following individuals:

Firstly, I would like to thank my supervisor. Thank you for your valuable guidance and selfless assistance throughout the entire research process. Your professional knowledge and teaching experience have enabled me to continuously move forward on the path of research. I am truly grateful for your

guidance and encouragement that have inspired me. Secondly, we would like to express our gratitude to the educators and school administrators who participated in the questionnaire survey and interviews. The data they provide makes my research more comprehensive and detailed, allowing me to better understand the knowledge and ideas of related disciplines. Finally, I would like to extend my profound gratitude and best wishes to the above individuals once again.

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