

## Research on the Design and Application of the Wisdom Classroom Teaching Mode under the Background of "Internet + Education"

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**Keywords:** Internet+ Education, Wisdom Classroom, Design and Application

**Abstract:** The system also came along. The smart classroom is a new era of education and teaching mode produced under the background of “Internet +”, a new era product combining traditional teaching and informationization. This paper expounds the concept and characteristics of the smart classroom under the background of “Internet + education”, through the comparative analysis of the traditional teaching classroom and the intelligent teaching classroom model, fosters strengths and avoids weaknesses, and builds a new intelligent classroom teaching model, which aims to realize the modernization, intelligence, and visualization of the overall teaching.

### 1. Introduction

As a high-end form of education informatization, wisdom education has received more and more attention. Education should shift from the education of purely imparting knowledge to the education of cultivating wisdom. School education is based on the classroom. Therefore, building a smart classroom has become an inevitable choice for wisdom education. The construction of a smart classroom requires an essential material teaching environment, and teachers and students need to change their concepts in a timely manner. Teachers should intelligently apply informatization—move classes, micro-courses, Baidu lectures, whiteboards, flipping classrooms, iPad, blue ink and other learning space technologies. Students should also teach pre-class and lessons intelligently under the guidance of teachers. Learning in the middle and after school to promote the realization of wisdom education.

### 2. Analysis of the components of smart classroom

Teachers are the main body of smart classroom construction. No matter how the information technology develops, it can not replace the traditional teacher's subject status, but will enhance the professionalism of the teacher position. Therefore, the development of teachers' comprehensive quality and ability is the key to the success of the smart classroom. At any time, it is the right way of Internet + education to have solid professional support, rational use of information technology, strengthen students' classroom functions, improve students' comprehensive ability, and carry out wisdom teaching.

The change in the teacher's “teaching attitude” determines the primary key to the formation of a smart classroom. attitude decides everything. The construction of the wisdom classroom, first of all, the teacher's teaching attitude needs to be reversed. In the Internet age, the traditional one-word and one-book model can no longer be synchronized with social development. Teachers should change traditional teaching thinking, make full use of information technology, fully integrate information resources such as PPT, video, and pictures, and actively develop wisdom. Classroom education and teaching reform. If teachers still use traditional teaching concepts to look at education in the Internet environment, and based on education to examine education informationization, it is pure technology + education, and can not accept the changes brought about by this era with an open mind. Teachers are to be eliminated in the new era. Under the background of “Internet + education”, teachers can only update their teaching concepts in a timely manner, and use a new teaching concept to coordinate the teaching under the information technology environment, in order to adapt to the needs of the ever-changing and developing classroom, and then use their wisdom to open students.

The door to wisdom.

The change in the “knowledge structure” of teachers is the material basis for the construction of smart classrooms. The construction of a smart classroom, the teacher's attitude is a question that wants to change, and the improvement of the teacher's knowledge structure is the problem of the ability to “do not work”. The construction of a smart classroom requires teachers to re-examine their own knowledge framework, systematically learn educational information technology through various trainings in schools and society, and self-study, and apply information technology to the whole in combination with the characteristics of the taught curriculum. Teaching session. In addition to learning about the medium of instruction, teachers also need to learn professional knowledge in a horizontal and multi-faceted manner. The era of "Internet + education" is the era of the big explosion of informationization. The content of knowledge is very rich, such as some technical specifications, etc. It is also constantly improving, and the specific situations appearing in engineering cases are also appearing in the current environment. Teacher professional development is an important guarantee for the generation of teaching wisdom. Only the awakening of teachers' self-development consciousness can better promote the generation of teachers' teaching wisdom, and thus construct the material foundation of the formation of wisdom classroom. Therefore, teachers should not only master a little knowledge in books, but should learn from the Internet to extend the knowledge points from one point to multiple points, multiple points into a line, multi-line formation, and then form a body. Such a knowledge structure is full and three-dimensional for teachers, and it is a knowledge structure that teachers should have in adapting to the "Internet + education" model.

The change in the “teaching model” of teachers is the guarantee for the formation of smart classrooms. The transformation of the teaching model is especially important in “Internet + Education”. The construction of a smart classroom and the transformation of the teaching model are guarantees. The classroom organization model should be able to stimulate students to learn, so as to achieve the generation of wisdom in the process of classroom activities. The traditional teaching mode, because of too much emphasis on the classroom for 45 minutes, the location is limited, and time is limited. The educational model of the smart classroom should evolve from the traditional “led” classroom to the teacher “guide” students. Before the class, the teacher can upload the micro-course, micro-video, PPT and other learning materials, let the students study independently, then communicate with the students in the classroom, find the students' problems, solve the problems together with the students, and finally, according to the students' learning situation, the students Learning ability and learning outcomes are evaluated. Throughout the teaching process, teachers have been weakening their status, giving students more autonomy, allowing them to learn independently, discovering and solving problems on their own. This is the key to the cultivation of intelligent talents. It is better to teach fish than to teach it. The cultivation of intelligent talents does not require teachers to give more, but requires teachers to give space and guidance.

### **3. Design of Smart Classroom Teaching Mode under the Background of "Internet + Education"**

In the context of "Internet + education", with the development of the times, the importance of education in people's lives is becoming more and more important, and the development of "Internet +" is also constantly sublimating. The development of the intelligent classroom teaching mode has promoted the development of education. The main body of the intelligent classroom teaching model is mainly teachers and students. Everything is based on the principle of “student-oriented”. Therefore, teachers should change in the process of teaching. The original traditional teaching concept pays attention to the relationship between teaching and learning, and combines the two. At the same time, the teaching process is not just classroom teaching. Pre-class, in-class and after-school should be the focus of teachers' attention. The smart classroom teaching mode is a model to promote students' wisdom development and innovation. Therefore, this research is based on "Internet + education". The background and the current state of the smart classroom are designed for the teaching model.

Before the teacher teaches the students, the students must be analyzed. After the analysis, the students are predicted according to different students, and the teaching plan is designed for the students according to the principle of teaching students according to their aptitude. Teachers can publish learning materials that improve students' ability, such as micro-courses and courseware, on the public teaching platform. This is the most convenient and convenient method for students. Students can use the computer or mobile phone to log in to the public from anywhere. Platform, view the knowledge points uploaded by teachers, and learn. In the process of learning, under the background of "Internet + education", teachers can play the role of supervision and inspection. Keep an eye on the student's learning and analyze it through some graphic displays.

In the classroom taught by the teacher, the new curriculum reform requires teachers to be the promoters and promoters of the students' learning and development. At the same time, the curriculum developers and builders as well as the quality education teachers require the teacher to change the original teaching concept. Students are the mainstay, so that students no longer simply listen to the lectures of the teachers, but let the students start to talk more, and the teachers guide them to make correct judgments, thereby enhancing their ability to learn and develop wisdom. In this process, the interaction between teachers and students and the interaction between students in the teaching process of the smart classroom promotes the collision of thinking sparks among students in the classroom. Teachers should let students learn to think, while guiding learning and self-learning, first, the introduction of new lessons, you can use the methods of situation creation, problem pre-position, story method and case analysis to introduce teaching content, thus stimulating students' interest in learning; Second, in the classroom teaching, in order to mobilize the enthusiasm of the students, the wisdom classroom should advocate the assignment of tasks for the students, the group has specific tasks, but the team members should also participate in solving problems together, in order to increase students' ability to unite and cooperate. Third, in the wisdom classroom, the participation of students and the enthusiasm of students determine the learning effect of the students. Therefore, teachers must be supervised, diagnosed and evaluated at all times to avoid appearances. Students only do tasks but no gains. The phenomenon appears.

In the post-class teaching design, after class, the general teacher will appear to relax and let go of the students. However, adhering to the concept of smart classroom and adhering to the background of "Internet + education", teachers should learn to use teaching software, platform and other information. Technology to carry out personalized counseling. After personalization, differentiation and summative evaluation of the students, different counseling strategies are given for different students, and students are answered questions on the information technology platform. Whether it is an objective question or a subjective question, the teacher should respond to the student after completing the correction on the platform, which must include the modification suggestion instead of the correct answer. In addition, the students are urged to carefully watch the materials and knowledge packages uploaded by the teachers on the platform, and to make punch records and display the results of the students, so as to urge students to learn and promote students' enthusiasm for learning and development.

#### **4. Conclusion**

"Internet + education" is the inevitable development of the times. Aiming at the characteristics of vocational college students, re-examining teachers, students and material environment, and building a smart classroom is a further deepening of education reform under the new situation. Teachers need to change their thinking and improve their abilities; students need to be self-made, make full use of the network, and improve their learning ability; schools need to improve the digital environment of the campus. The coordinated development of the three is the essence of smart classroom construction.

#### **Acknowledgements**

Fund Project: Jilin Province Education Science "13th Five-Year Plan" project, the project

approval number is GH181034, the research and practice of the wisdom classroom teaching mode in the "Internet +" era.

Jilin Province Education Science "Thirteenth Five-Year Plan" 2018 annual project, the subject approval number is GH181034, the research and practice of the wisdom classroom teaching mode in the "Internet +" era.

Jilin Higher Education Society 2018 Higher Education Research Project, Project No.: JGJX2018D415, Research and Practice of Computer Teaching Reform under the Mode of "Internet +" Applied Talents Training

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