

# Analysis on the Path of Optimizing the Ideological and Political Wisdom Classroom Teaching in High School under the Background of Education Digitization

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**Abstract:** The report of the Party's 20th National Congress for the first time included "education digitization" in the report, and education digitization has increasingly become the focus of education reform and development. Under the background of the digital era, the ideological and political wisdom classroom in high school has its value implications. This paper explores the teaching practice of using the intelligent classroom teaching platform to achieve interactive communication before, during and after class in the actual teaching of ideological and political classes in high school, so as to improve the quality and efficiency of ideological and political classes in high school and cultivate new people in the era needed by society.

**Keywords:** Digitization of Education; High School Ideological Politics; Wisdom Classroom.

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## 1. Introduction

Since 2012, the CPC Central Committee has successively put forward the strategy of building a digital China and developing a digital economy, and made a series of policy deployments focusing on strengthening education, modernization of education, and high-quality development of education. On February 13, the World Digital Education Conference was held in Beijing and the China Smart Education Blue Book (2022) and the China Smart Education Development Index Report 2022 were released. As the product of digital development, smart classroom is also the most intuitive manifestation of smart education, which builds a smart place for teachers and students' teaching activities, and also provides a new teaching mode for senior high school teaching reform. High school ideological and political curriculum, as the key course to carry out the fundamental task of cultivating morality and people undertakes the political task of training qualified builders and successors for socialism. Under the background of digital era, the full integration of high school ideology and politics with wisdom classroom is an innovation of traditional high school ideology and politics classroom teaching mode, and also a response to the era of high school ideology and politics class adapting to the digital development of education.

## 2. The Concept and Relationship between Education Digitization and Ideological and Political Wisdom Classroom in High School

To discuss the teaching strategy of ideological and political wisdom in high school under the background of education digitization, we must deeply grasp the background of the era of education digitization and the connotation of ideological and political wisdom in high school, and on this basis clarify the relationship between them.

### 2.1. Overview of Education Digitization

The report of the Party's 20th National Congress stressed

the need to "accelerate the construction of digital China", and for the first time included "education digitization" in the "Run a good education that people are satisfied with" part. It can be seen that the strategy of digital China has become an important action guide for building a modern socialist country, and the digitalization of education, as a special stage of education informatization, is also an inevitable requirement of the information age, and is the specific practice of the strategy of digital China in the field of education. Education digitization refers to the process of changing the education and teaching system through the continuous use of digital, networking, intelligent and other technical means, so as to achieve everyone, everywhere can learn, always scientific, meet people's high-quality, personalized learning needs, and inject strong impetus to accelerate the construction of education power.

### 2.2. The Connotation of High School Ideological and Political Wisdom Classroom

Ideological and political wisdom classroom in high school refers to the deep integration of intelligent information technology and ideological and political discipline with the use of modern information technology, the use of artificial intelligence, big data cloud computing and other high school ideological and political course teaching, guided by constructivism, humanism and other learning theories, and the purpose of promoting the development of students' core literacy in ideological and political disciplines. Through pre-class analysis of learning situation, pre-class assessment, teaching design, inquiry learning, real-time monitoring, summary and improvement in class, personalized tutoring and reflection evaluation after class, we can effectively promote the quality and efficiency of high school ideological and political lessons. Compared with the traditional classroom, it has the characteristics of intelligent learning analysis, collaborative interaction between teachers and students, diversified resource push, and timely teaching evaluation, which can greatly meet the diversified individual needs of students.

### **2.3. The Relationship between the Digitization of Education and the Ideological and Political Wisdom Classroom in High School**

There is a close relationship between education digitization and high school ideological and political wisdom classroom. On the one hand, digitization of education is the booster of ideological and political wisdom classroom in high school. At present, the Ministry of Education takes the "National Wisdom Education Public Service Platform" as the starting point to continuously improve digital education service resources, which provides important opportunities for high school ideological and political wisdom classes, and also puts forward higher requirements for wisdom classroom teaching in high school ideological and political classes. On the other hand, high school ideological and political wisdom classroom is a concrete practice of education digitization. The Ministry of Education's 2022 Work Points also listed the "Implementation of strategic actions on education digitization" [1] as a key task, and actively explored the construction of smart classrooms and smart classrooms in primary and secondary schools. The ideological and political wisdom classroom in high school relying on artificial intelligence technology is data-centric. The new model of scientific and digital classroom, which is based on the analysis of massive teaching data and relies on the traditional teaching experience in teachers' minds, is a concrete practice of the development of basic education reform to the direction of education digitalization at the present stage. It is also the response of The Times that high school ideological and political lessons adapt to the development of education modernization.

### **3. The Value Implication of High School Ideological and Political Wisdom Classroom Teaching under the Background of Education Digitization**

Under the background of education digitalization, the application of the ideological and political wisdom classroom teaching mode in high school based on artificial intelligence technology brings new breakthroughs to traditional teaching, and also brings new development opportunities for new curriculum reform, the cultivation of students' core qualities and the high-quality development of high school ideological and political courses.

#### **3.1. It is the Inevitable Result of the New Ideological and Political Curriculum Reform in High School**

With the intelligent upgrading of various digital technologies, basic education has entered an era of digital learning featuring man-machine collaboration, cognitive enhancement and virtual-real integration, which puts forward higher standards and requirements for education, teaching and personnel training. However, China's traditional high school ideological and political classroom teaching pays attention to the imparting of theoretical knowledge, adopts the teaching mode of "one word", "cramming" and "teaching", which cannot well meet the requirements of the new curriculum reform and the digital age. The new curriculum reform

emphasizes that "students should be the main body, and activity curriculum should be built to cultivate the core accomplishment of ideological and political discipline." The ideological and political wisdom class of senior high school makes full use of modern information technology and carries out a variety of teaching activities through the teaching method of learning, so that students can actively think and actively explore on the basis of preliminary understanding of knowledge, and give full play to the subject status of students' learning. Secondly, the new curriculum standards advocate that in the curriculum implementation, we should make full use of modern information technology to expand educational resources and educational space. High school ideological and political wisdom classroom teaching allows students to use the cloud platform to obtain a large number of learning resources, broaden the scope of students' knowledge, and break the restrictions of time and space, learning anytime and anywhere, to meet the learning needs of students to the maximum.

#### **3.2. The Objective Requirement of Cultivating Students' Subject Core Accomplishment**

The new curriculum standard clearly points out that the core accomplishment of senior high school ideological and political discipline includes political identity, scientific spirit, legal consciousness and public participation. The traditional ideological and political classroom teaching mode in high school emphasizes the cultivation of theoretical basis, which is difficult to realize the cultivation goal of students' core quality. Under the ideological and political wisdom classroom teaching mode in high school, teachers can make full use of cloud technology to design topics around hot current issues. Through thinking and discussing the topics, students can effectively stimulate their interest in hot social topics and national political news, and enhance their sense of social responsibility and political identity. At the same time, in the process of thinking and discussing, teachers can use the control terminal to monitor and guide students' discussion situation and direction in real time, helping students to form correct cognition. In the process of thinking and discussing, students can enhance their ability to extract, analyze and dialectic information, and form correct value orientation and moral concentration. After class, teachers can send homework tasks through the cloud platform according to the needs of the course, such as participating in social practice and uploading photos to the cloud platform, so as to better encourage students to apply their knowledge to practice and enhance students' awareness of public participation.

#### **3.3. The Endogenous Demands of Promoting the High-Quality Development of High School Ideological and Political Courses**

The ideological and political course in senior high school is a moral education course with Chinese characteristics, and is the key course to carry out the fundamental task of cultivating people. [3] The teaching process of high school ideological and political course itself is a process of cognitive construction, emotional stimulation and value establishment. Among them, the role of ideological and political teachers is to guide students to solve the three contradictions of "knowing and not knowing", "believing and not believing", and "doing and not doing". They should not only internalize the common sense, viewpoints, ethics and norms of ideological and political lessons into students' individual

value consciousness, but also show them as moral behavior, moral practice and action consciousness. In this way, the organic unity and practical transformation of "knowledge, faith and action" can be realized. However, the traditional high school ideological and political courses are mainly taught by teachers, and students passively accept knowledge points, only staying in the stage of "knowing and not knowing", which cannot well meet the internal demands of high school ideological and political courses. Under the background of education digitization, information technology represented by artificial intelligence has brought opportunities for the high-quality development of high school ideological and political courses. In the ideological and political wisdom class of high school, conceptual knowledge and declarative knowledge can be introduced in the form of micro-lessons in advance to achieve the task of "knowing and not knowing" before class. For metacognitive knowledge, teachers can communicate and interact with students emotionally through electronic whiteboard in class, and give students more humanistic care on the basis of promoting students' understanding of knowledge. Let students really agree with the content of teachers and externalize it in practice, and promote the quality and efficiency of high school ideological and political lessons.

## **4. High School Ideological and Political Wisdom Classroom Teaching Strategies under the Background of Education Digitization**

### **4.1. Before Class: Integrate Teaching Resources, focus on the Content of Lesson Standards, and Achieve Accurate Guidance**

The smart classroom system provides teachers with a large number of systematic high-quality resources, which to a large extent alleviates the two major problems of teachers' difficulty in finding pre-class resources and grasping learning situation, and meets the diversified needs of teachers' lesson preparation.

#### **4.1.1. Create a Living Situation and Carry out Independent Preview**

The "Ideological and political Curriculum Standards for ordinary high schools (2017 edition, 2020 revision)" points out: "Follow the laws of education and teaching and the laws of students' physical and mental development, and be close to students' thoughts, learning and life reality." [2] When making lesson preparation using the smart classroom system, teachers should adhere to the selection principles of resources such as life-oriented, visualized and typical, select digital teaching resources consistent with the content of ideological and political teaching in high school from numerous systematic resources, and transform abstract ideological and political knowledge into concrete knowledge, so as to better mobilize the initiative of students in preparing lessons. Stimulate students' enthusiasm for learning. For example, when learning the fourth compulsory course "Materialism and idealism", teachers can push students through the teacher side of the smart classroom system to the students before the college entrance examination, some candidates and parents to the temple to burn incense and pray for God and Buddha to bless their good grades, which is close to students' life, stimulate students' enthusiasm for learning, so that students

can better connect with themselves to understand the basic connotation of materialism and idealism. Promote the in-depth development of independent preview.

#### **4.1.2. Use Digital Empowerment to Help with Subsequent Teaching**

In the smart classroom mode, teachers can use artificial intelligence, big data, Internet resources, etc., to deeply analyze the learning ability and learning interest of current high school students, and formulate visual charts to grasp the learning situation with data science. Secondly, teachers can also use the smart classroom teaching platform to transmit the classroom knowledge content to students in real time, and assign corresponding questions. After the students have a comprehensive preview of the content, the answers to the questions will be returned to the cloud platform. The big data intelligent summary system will collect the views of each student, sort out the key points, draw a dynamic portrait of the students' learning situation, and send it to the teacher. After analyzing it, teachers can improve the original teaching plan and realize accurate guidance for subsequent teaching. The information push function and big data function of the digital platform in the smart classroom model can effectively stimulate students' autonomy and initiative in exploring the content of ideological and political teaching, achieve digital empowerment and scientific guidance.

### **4.2. In Class: Optimize the Teaching Process, Enhance the Interaction between Teachers and Students, and Realize Efficient Learning**

The middle-class stage is the core part of the ideological and political wisdom classroom teaching in high school, and the key link to transform knowledge into knowledge and knowledge into wisdom. Through the intelligent classroom system, the teaching process is optimized and the interaction between teachers and students is enhanced to improve the quality and efficiency of the ideological and political lessons in high school.

#### **4.2.1. Set up Classroom Topics Skillfully to Guide Students to Think Actively**

In classroom teaching, teachers should make full use of digital teaching resources and design classroom topics skillfully. The classroom topics designed by teachers should not only consider the relationship between digital resources and core literacy of subjects, but also be close to the reality of students' lives. At the same time, the topics should be controversial and have the value of discussion. For example, when teaching the compulsory fourth "Value Judgment and Value Choice", the teacher can push the clip of the movie "Operation Red Sea" through the electronic bag, and design the topic: Is it worth it to rescue a female overseas Chinese at the cost of sacrificing four Chinese special forces in the film? Different students will have different values. At this time, students can put forward their own thinking and answers about issues on the tablet. Teachers can use the functions of "interactive board", "single-line connection" and "group connection" in the smart classroom system to interact with students in real time. Give timely and targeted guidance to students and give full play to the advantages of smart teaching in smart classroom.

#### **4.2.2. Create Theme Activities to Help Develop Discipline Literacy**

High school ideological and political course as an activity

subject course, in order to achieve "curriculum content activity", we can use the custom function of the smart classroom teaching platform to design the activity theme. Through a variety of themed activities created by the teacher, students independently work in groups and complete the tasks of the themed activities according to the requirements. For example, in the teaching of democratic decision-making in the compulsory third "Grassroots Mass Autonomy System", teachers can create a theme activity of "Urban residents' domestic waste disposal fee hearing", and students can act as government department staff, representatives of domestic waste disposal service enterprises, urban residents, experts, etc., according to their interests. Each group of students in the actual participation process, I will discuss how to protect my own legitimate rights and interests in my own shoes, so as to realize the sense of responsibility of citizens to participate in urban governance. Creating theme activities in ideological and political course teaching can enhance students' awareness of cooperation and public participation, so that the core quality of the subject can take root in teaching, and truly realize the educational task of cultivating morality and people.

#### **4.2.3. Build an Interactive Stage to Enhance Students' Main Position**

Wisdom classroom is essentially a dynamic and open interactive system. In the digital era, with the intervention of various modern intelligent technologies, the elements, modes and processes of teaching interaction are becoming more and more abundant. The high school ideological and political course uses the interactive function of the smart classroom teaching system to ask students to collect information online before class, and then integrate the information collected online with the classroom teaching content in class teaching, and then upload it to the smart classroom cloud platform for display. This kind of teaching method through the integration of online and offline interaction truly realizes the "return" of class to students. Enable students to generate knowledge and inspire wisdom in the classroom. For example, in the compulsory teaching of Socialism with Chinese Characteristics into a New Era, teachers can ask students to collect pictures, news, data and other materials about the achievements of the cause of socialism with Chinese characteristics in economic, political, cultural, and military aspects since the 18th National Congress of the Communist Party of China before class. In the wisdom classroom teaching, students will display these materials in the discussion area, and talk about their own feelings about the new era with their achievements, which can better strengthen students' understanding of the connotation of the new era, strengthen their confidence in the socialist path with Chinese characteristics, and enhance students' political identity.

### **4.3. After Class: Consolidate Teaching Results, Grasp the Dynamics of Learning Situation, and Realize Wisdom**

"Action" is the practice under the guidance of "knowledge" and "faith", the purpose of "knowledge" and "faith" is to better practice "action". In order to realize the effect of ideological and political courses in high school, we should make full use of after-class teaching practice, consolidate classroom teaching results, and let students grow into practitioners of the unity of knowledge, belief and practice.

#### **4.3.1. Learn Quickly with Personalized Learning Evaluation**

Learning evaluation in the smart classroom mode is a learning report dedicated to individual students formed by big data analysis of students' learning dynamics before and after class, so that teachers can further understand students' own learning status and quickly and accurately grasp the learning situation. With the help of personalized learning evaluation, teachers can also develop relevant after-class practical activities and strengthen students' awareness of public participation. For example, in the teaching of compulsory two "Social Security in China", teachers use the learning evaluation report of students under the smart classroom mode to find that students do not have a deep enough understanding of the current social security policy in China, so teachers can make students visit the relevant departments of the local human resources and Social Security Bureau to understand the latest social security policy in China. In addition, practice photos and learned information will be uploaded to the cloud platform to further strengthen students' learning and communication, and stimulate students' awareness of public participation to achieve the unity of knowledge and action.

#### **4.3.2. Carry out the Second Digital Classroom to Consolidate the Discipline Literacy**

Digital second classroom refers to the digital teaching practice activities related to the first classroom conducted outside the first classroom, which is a reasonable extension of the first classroom and an important part of quality education. Based on its powerful virtual function, the smart classroom teaching platform can not only meet the needs of ideological and political class teaching, but also enrich the construction of its second classroom. For example, when teaching the compulsory fourth "Promoting Excellent Traditional Chinese Culture and National Spirit", students can use VR technology to immerse themselves in the book of songs and Chu Ci of China's pre-Qin period to Han Fu, Tang poetry, Song Ci, Yuan Qu and Ming and Qing novels, and feel the profound and excellent traditional Chinese culture.

With the development and application of digital technology, the integration of digital technology and ideological and political lessons continues to deepen, and the creation of ideological and political wisdom classroom is the inevitable result of ideological and political classroom teaching, and also the response of senior high school ideological and political lessons to adapt to the digital development of education. With the digital education as the background of The Times, the improvement of traditional teaching methods as the breakthrough point, and the precision, efficiency and intelligence as the starting point, the ideological and political wisdom classroom teaching in high school deeply integrates technology with teaching, and promotes the in-depth development of self-study preview, digital empowerment, topic teaching, thematic activities, interactive communication, personalized learning evaluation and the second classroom. Enhance the attractiveness and appeal of high school ideological and political lessons, stimulate students' interest in learning ideological and political lessons and internal motivation, achieve the unity of knowledge, faith and action, and grow into a new era with ideals, dare to bear, can bear hardships, and is willing to struggle!

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