

# *Misunderstanding and Improvement Strategies of Online Classroom Teaching Time Management in the Post-Epidemic Era*

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**Abstract:** Classroom teaching time management is an important means and effective way to ensure teaching quality, improve teaching efficiency and ensure teaching effect. This study focuses on today to explore the misunderstanding of online classroom teaching time management, and then explore appropriate improvement strategies. This aims to optimize the online classroom teaching time management, form a reasonable online classroom teaching time management system, promote the "double-line integration" of online teaching and offline teaching, and promote the modernization and information development of education and teaching.

## 1. Introduction

In the process of fighting the epidemic, the Ministry of Education has encouraged and supported the development of online education through several documents, and has put forward a series of requirements and goals for online classroom teaching. In the Opinions on Vigorously Strengthening the Construction and Application of Online Education and Teaching Resources in Primary and Secondary Schools, it points out that online education resources should be developed, stimulate the enthusiasm of all subjects to use online education resources, and promote the integration of two lines. The subsequent Guiding Opinions on Promoting the Construction of New Education Infrastructure and Building a High-quality Education Support System made further requirements, pointing out that we should adhere to innovation guidance, deeply apply the new generation of information technology, give full play to the role of data as a new factor of production, and promote the digital transformation of education. At the same time, we will coordinate traditional infrastructure and new infrastructure to promote integrated online and offline development. By 2025, a new education infrastructure system with optimized structure, intensive, efficient, safe and reliable structure will be basically formed, and a private education network and an "Internet + education" platform will be built to provide a digital base for high-quality development of education.[1] Thus it can be seen that the integration of online and offline education teaching and promoting the construction of "Internet + education" platform is the requirement of education modernization, school education development, and all-round development of students.

## **2. Misunderstanding of Online Classroom Teaching Time Management in the Post-Epidemic Era**

### **2.1 Information literacy varies**

#### **2.1.1 Standard Deviation of Information Technology Influence**

The impact of the application of information technology to the educational field is somewhat uncertain, and any factor will have an impact on it. At present, under the trend of the society and schools vigorously advocating the integration of information technology into the teaching field, various platforms and software have incorporated a large number of educational resources. In the process of implementing online classroom teaching, teachers can use rich resources to improve their own teaching. The impact of the application of information technology on education "takes the use effect as the highest standard, pursues the predetermined goal, and follows the teaching rules as the core".[2] However, in the process of implementation, the tendency of blindly pursuing quantity, abusing teaching resources and ignoring the rationality of the judgment criteria has emerged.

#### **2.1.2 Low Efficiency of School Information Technology Training**

Previously, the pre-service training and on-the-job training for teachers focused on the cultivation of teaching skills, the imitation of high-quality teaching examples and the learning of advanced teaching experience, that is, the learning of teaching knowledge and the training of teaching skills, and rarely involved the training of information technology. Some schools do not carry out relevant information technology training in advance, and only recommend to teachers the software or platforms used for online classroom teaching, but they do not carefully analyze the functions of these software or platforms, and do not train them. The low efficiency of school information technology training makes teachers can only explore themselves in the actual process of online classroom teaching.

#### **2.1.3 Teachers' Own Low Information Technology Ability**

First of all, because most teachers are from specific disciplines, they do not have the educational background of computer or educational technology before working, and the post-job training focuses on the training of teaching skills, and the information technology training is rarely involved, so the information literacy of teachers is uneven. In particular, older teachers do not have corresponding educational background and do not receive corresponding training in the early stage. Most classes will set up corresponding class cadres to assist older teachers in operating multimedia, which leads to the lack of information literacy of older teachers. Secondly, teachers do not know much of the major software and platforms, and know very little about their respective functions and defects, so that teachers cannot choose according to their needs, and they cannot make full use of educational resources and educational functions for online classroom teaching.

#### **2.1.4 Students' Information Literacy Focuses On Entertainment**

Compared with teachers, students are generally younger and more sensitive to scientific and technological information products, and seem to have high information literacy, but it cannot be ignored that students' own information literacy shows strong entertainment. First of all, in students' motivation to use mobile phones, computers and other electronic devices, entertainment and relaxation come first, such as playing games and watching videos, rather than collecting information and inquiring knowledge. Thus, the students' information literacy reflects the obvious entertainment tendency. Secondly, at the present stage, students have low self-control and control of electronic

equipment, which are easy to be seduced.

## **2.2 Lack of Time and Moral Quality**

### **2.2.1 Some Teachers Do Not Fully Respect Their Students' Time**

Some teachers mainly conduct online classroom teaching, which on the one hand is limited by objective conditions, on the other hand, teachers do not fully respect students' time subjectively. First of all, the form of online teaching has restrictions and obstacles to teacher-student interaction, student interaction and students' independent learning. Secondly, some teachers themselves do not pay attention to and respect the time of students' independent learning subjectively, and out of doubt about the teaching effect, the online classroom teaching activities are mainly individual teaching, ignoring that teaching is the bilateral nature of teachers' teaching and students' learning.

### **2.2.2 Some Students Do Not Fully Cherish Their Personal Time**

Online classes require students to change their learning styles. Offline classroom, the teacher can through the students' language, expression, action to grasp the students' learning state and management, online classroom teaching due to the limitation of information technology, teachers to students' learning and state grasp is low, requires students' learning style gradually from heteronomy to give priority to with self-discipline, part of the students time moral quality, did not fully cherish personal time, poor self-discipline.

## **2.3 Mechanization of Teaching Methods and Learning Methods**

### **2.3.1 Low Internal Driving Force of Teaching Method Innovation**

First of all, the online classroom teaching method presents a single trend. Because most teachers online classroom teaching experience, to try to avoid trouble and emergencies, some teachers will use offline teaching, online classroom teaching interactive time and students' independent learning time is repeatedly compressed, make online classroom teaching time mostly for teachers unilateral teaching, rather than appropriate distribution in students self-study, practice, classroom interaction. Secondly, the online classroom teaching methods show a mechanical trend. Online teaching is an advantage to break through the limitation of space-time, teachers can make use of rich education resources to assist teaching, and part of the teacher in the process of online classroom teaching activities, the method is still the traditional offline classroom teaching method, not according to the characteristics of online classroom teaching and advantages of improvement and innovation of teaching methods.

### **2.3.2 Delprogress of Learning Style**

First of all, online classroom teaching methods put forward higher requirements for students 'independent learning. Online teaching form makes students' learning materials change from paper to virtual materials mediated by information technology, which is easy to cause irreparable digital gap. Secondly, the online teaching form sublimates the concept of "class" from an entity group to a virtual community formed by information technology. The interaction between teachers, students and students cannot be as directly and conveniently as offline, which makes it difficult to form a group atmosphere of class. Thirdly, due to long-term offline teaching, students are used to listening to their orders and have low initiative to form groups for cooperation and learning.

### **2.3.3 Home-School Cooperation and Communication Channels Are Blocked**

Whether it is the online classroom teaching activities to adopt a new teaching method or students to improve the teaching method, all need parents' understanding and assistance. From offline teaching to online teaching, the direct supervisors of students have become parents. However, because most parents have their own work or pay insufficient attention to their children's education work, they cannot fully cooperate with the school and teachers' online classroom teaching. And some parents think that online class increases their burden, resulting in resistance and reducing their own cooperation. In addition to parents, some schools ignore the important role of home-school communication, and the construction of home-school contact feedback mechanism is incomplete, which makes the poor information exchange between home and school, resulting in poor information exchange and even misunderstanding between both sides, reducing the cooperation degree and communication efficiency between home and school.

### **3. Improvement Strategies for Online Classroom Teaching Time Management in the Post-Epidemic Era**

#### **3.1 Strengthen Information Technology Education and Comprehensively Improve Information Literacy**

##### **3.1.1 Correctly View the Impact of Information Technology on Education**

First of all, the influence of information technology on education. The integration of information technology can improve the richness of educational content and promote the development of educational information; on the other hand, teachers can ignore the original educational goals when applying information technology. To correctly view the influence of information technology on education, we should give full play to the positive effect of information technology and avoid its negative effect. Secondly, in the teaching process, the more information technology is not the better, but according to the specific educational goals, combined with their own teaching content and methods, with information technology as the auxiliary, to supplement the online classroom teaching activities, to make it more complete and interesting.

##### **3.1.2 The School Should Improve Information Literacy and Strengthen Information Technology Training**

The school shall incorporate information technology ability training into the pre-service and on-the-job training system for teachers, and provide other alternative software when teachers are advised to use some software or platform. First of all, when choosing the software or platform, we should make full use of its advantages or functions, and avoid the shortcomings, or seek alternative functions according to its shortcomings. If there is no check-in function in Tencent Conference, the list of participants can be exported, and teachers can ask students to modify the name of the original name and then export the list, so as to replace the check-in function. Secondly, the disadvantages of some software have little impact on the actual operation.

##### **3.1.3 Teachers Should Improve Their Information Literacy and Create Quality Courses**

First of all, the dual-line integrated classroom teaching method is the trend of The Times, and the training of corresponding information knowledge and skills for teachers is the requirement of educational information and modernization development. Teachers master more information knowledge and improve information skills and literacy is not only conducive to high-quality teaching, but also helps to reduce the waste of online classroom teaching time caused by unskilled operation. At the same time, the better use of the resources and functions of the platform is also conducive to the

effective allocation and utilization of online classroom teaching time. Secondly, teachers can make full use of the resources of online teaching software and platform, broaden their knowledge reserve and strengthen skills training, actively get familiar with and practice various functions, and accumulate online classroom teaching experience. In order to create excellent online classroom teaching courses, it is necessary to plan and manage the online classroom teaching time according to the characteristics of online teaching, and explore the time allocation method suitable for online classroom teaching.

### **3.1.4 Strengthen Information Technology Education for Students**

Nowadays, primary and secondary schools have information technology courses, but they are all teaching the learning of basic computer knowledge and the application of basic skills, while ignoring the education of students' correct use of information technology. First of all, information technology education and ideological and moral education should be integrated to comprehensively improve students' ideological and moral literacy and information and moral literacy, and avoid students from making bad remarks and other network immoral behaviors. Second, in teaching computer basic knowledge and cultivate basic skills at the same time can't ignore the correct use of electronic equipment and the Internet education, such education involves time moral education, life education, health education, homemade education, and other levels, through information technology education to enable students to form a comprehensive information literacy, the correct use of information technology to assist life and learning, promote the comprehensive and healthy development of students.

## **3.2 Strengthen the Time Moral Education, and Comprehensively Improve the Moral Quality of Time**

### **3.2.1 Teachers Should Improve Their Moral Quality of Time and Fully Respect Students' Time**

First of all, teachers should respect the law of teaching time, and fully realize that classroom teaching time is not only teachers' time and students' time. To respect the law of teaching time, we should fully grasp the optimal time domain, and arrange the key content and difficult content of teaching in the time period when students pay the most attention and agile thinking, so as to achieve better teaching effect. Secondly, teachers' allocation and management of classroom teaching time also involves students' time. Teachers should actively carry out their own self-time moral education, strive to improve their own time moral quality, develop the habit of timely and punctual, fully respect the time that should be given to students in the online classroom teaching time, and truly achieve a reasonable allocation and management of online classroom teaching time.

### **3.2.2 Students Should Improve Their Self-Control and Cooperate With Teachers to Effectively Use Their Online Classroom Teaching Time**

Like teachers, students also need to adapt to the new situation of online classroom teaching, but due to their young age and strong adaptability and ability to accept new things, they can understand and get familiar with various software platforms through various ways faster than teachers. Students' improving self-control can greatly reduce the time waste and delay caused by teachers to maintain order and check the learning situation. Better feedback can also help teachers have more confidence and enthusiasm to explore more effective online classroom teaching methods and improve the utilization rate and effectiveness of online classroom teaching time.

### **3.3 Comprehensively Promote the Improvement and Innovation of Teaching Methods and Learning Methods**

#### **3.3.1 Teachers Actively Innovate the Teaching Methods and Optimize the Classroom Teaching Time Management**

Due to the particularity of online teaching, it is not feasible to directly transplant offline teaching methods and classroom time management methods to online. We must transform the existing offline teaching and classroom time management mode according to the characteristics of online teaching to make it more suitable to matching teaching and classroom time management according to the characteristics of online classroom teaching. The space limit for online classroom teaching is small, and students are no longer limited to the classroom. Teachers can develop appropriate activities and games according to this feature and advantage, and include activities and games in the allocation and management of classroom teaching time.

#### **3.3.2 Students Should Actively Change Their Learning Methods and Improve Their Classroom Learning Efficiency**

First of all, students should actively adapt to the transformation of learning materials from physical materials to virtual electronic materials, and strive to overcome the problems of poor network, inactive classroom atmosphere and digital divide. Secondly, students should give full play to their initiative and conduct independent learning. At the same time, we should also actively communicate with teachers and parents, build a bridge of home-school communication, and jointly overcome the adverse effects caused by technical and environmental problems.[3]

#### **3.3.3 Establish a Complete and Continuous Home-School Communication and Cooperation Feedback Mechanism**

First of all, before making the decision to conduct online classroom teaching, schools and teachers should investigate the specific situation of each student's family, such as whether there is at least one electronic device for students to use in online learning; whether wireless network is installed in the home, to help students who cannot cooperate with the school in online teaching. Secondly, the whole process of online classroom teaching should follow up parental feedback, and the allocation and planning of online classroom teaching time should be adjusted according to the available suggestions, which can promote the optimization and effective online classroom teaching time management. At the same time, maintaining communication with parents is also conducive to improving the cooperation degree of parents to prevent the waste of online classroom teaching time.

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