

# Research on Interactive Teaching Mode Based on Small Video

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**Abstract:** *Using small videos to complete interactive teaching is a dynamic process, which directly runs through students' learning and life. If students want to carry out learning activities, they must use videos to communicate and exchange information continuously under the network situation. Under the network environment, real-time interactive teaching has its unique advantages and characteristics, which can be mainly reflected in such education and teaching methods. The information is infinitely rich, and under the interaction of video network, the teaching space and time will not be limited, and interactive teaching can complete the effective communication between teachers and students. But now society has entered an information age, and network technology has certain interactivity, controllability and integration. Nowadays, interactive teaching only uses blackboard and chalk compared with the past.*

**Keywords:** *video teaching; Network teaching; Teaching interaction*

## 1. Introduction

Social education has been in the process of continuous development and innovation. Social education in any period is a product of the fusion of history and times at that time, and no form of education can be separated from the current development of society and the development of science and technology. Multimedia technology and network technology have now become a major pillar of the information age, building a civilization in the new century. Information technology is constantly changing people's thinking in production, life and study. Therefore, the arrival of the information age has brought a great impact on classroom education and teaching, which has brought certain changes to the traditional educational approach.

## 2. The formation background of interactive teaching mode

In the society, each individual is not only a single existence, but interacts with the people or things around him and the environment. That is to say, the society we call is produced by people's interaction. A person's development depends on the development of some other people with whom he interacts directly or indirectly. In the process of development, students will have close contact with the people around them, especially parents and teachers. The interaction between teachers and students is very important for students' cognition, including the development of social personality. Strengthening the research on the interaction between teachers and students is conducive to the better completion of education and teaching, and has very important practical significance.

## 3. The characteristics of interactive teaching mode

Interactive teaching is a dynamic learning process. Students can learn from videos through the Internet, communicate with teachers in videos, and exchange information. Completing interactive learning in such a network environment has unique advantages and characteristics, which can be manifested in the following aspects.

From the teaching content point of view, the Internet can bring more education and teaching resources. Students can choose some knowledge and information they like according to their own interests and hobbies. Students and teachers have equal ownership of teaching resources. Students no longer need to passively accept all the knowledge content instilled by teachers in the classroom as in

the past, Under the interactive teaching mode, students can choose to actively study some knowledge, which can effectively arouse students' interest in knowledge exploration and analysis.

From the process of education and teaching and the effect of teaching. Through video to complete interactive teaching, it can break the barriers of teaching in the past, and enable students to communicate with teachers in real time, Students can give feedback to teachers in time if there is any situation, Teachers can conduct virtual group teaching or carry out separate teaching according to the specific situation of each student, In the process of teaching, they can highlight the true educational concept of taking students as the main body and teach students in accordance with their aptitude.

From the perspective of teaching methods, and in the Internet state, we adopt video and audio, so that teachers can arrange more knowledge through video, and students don't have to worry about being left behind because their learning progress is not high enough, because teachers can pass on knowledge through various forms and make it vividly displayed in front of every student. Using video to complete interactive learning is more beneficial for students to master knowledge, which can effectively improve learning efficiency and reduce the burden of communication between teachers and students.

#### **4. Implementation of interactive teaching mode based on small video**

##### ***4.1 The implementation type of interactive teaching***

###### ***4.1.1 Interaction between students.***

Students and students can learn interactively through electronic systems, Students can complete convenient learning by themselves, and at the same time, they can have interactive direct dialogue with other students freely, thus realizing a multi-directional interaction.

###### ***4.1.2 Interaction between students and teachers.***

Interactive learning based on small videos can effectively help teachers to complete individual students' counseling, and teachers can ask students more questions through interactive interface, thus breaking the communication mode of time and space can help teachers to discuss knowledge with students.

##### ***4.2 Implementation methods of interactive teaching***

###### ***4.2.1 One-to-one interactive mode.***

One-to-one interactive mode means that with the support of Internet, students can enter the online classroom set by teachers at any time during the learning process. When students think that they have learned a certain content, they can access the next lesson directly, so that students can learn some unknown or difficult knowledge for many times.

###### ***4.2.2 One-to-many teaching mode.***

There are some differences between the classroom interaction mode based on small video and traditional classroom interaction, Teachers can teach a certain content through the network, and then students can learn through the network to complete common discussion, Teachers can answer questions and answer questions according to the specific situation of students' learning, and can directly testify and praise students through video, thus effectively teaching students in accordance with their aptitude and individualized learning, which fully embodies the student-centered classroom teaching.

#### **5. Conclusion**

To sum up, the development of interactive teaching mode based on small videos is an inevitable demand of the real society, Using this way, teachers can get rid of the traditional teaching process, which is beneficial for teachers to improve their modern teaching ability, as well as the ability to develop courses.

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