

Integrating information technology to create efficient classroom-- Take “The New World of Network”, the first volume of the fourth grade, as an example

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Abstract: In recent years, with the implementation of the policy of reducing the burden and increasing the efficiency, how to help students effectively reduce the burden has become a hot topic in education, and one of the keys to reduce the burden is to improve the efficiency of the classroom. In the primary school morality and rule of law classroom skillfully combined with the use of educational equipment, into the information technology, to break one-way transmission, enhance students' learning autonomy, timely grasp the learning situation, create efficient classroom play a good role in promoting. The use of information resources can make the knowledge points of rule of law teaching in textbooks multi-level, multi-angle, intuitive image in front of students, closer to students' life, more stimulate students' interest in learning, so that students can realize the organic combination of sight, listening, thinking and discrimination, and then truly realize efficient classroom teaching.

Key words: information technology; Efficient classroom; Reduce burden and increase efficiency

In modern classroom, information technology has become an indispensable means to assist teaching. For the author of ethics and rule of law in primary schools, the use of information technology can greatly enrich the teaching content, effectively mobilize students' interest in learning, cultivate students' thinking ability, and realize the real efficient teaching. How to use information technology to help students open their knowledge horizons? How to highlight the characteristics of life, openness and activity in the teaching of morality and rule of law, so as to improve the effectiveness of the teaching of morality and rule of law? This article combines the teaching practice to talk about the author's information technology into the classroom, creating efficient classroom specific practices.

1. The application value of information technology in moral and rule of law classroom

1. Enhance the appeal of the curriculum

When carrying out the teaching of moral and rule of law courses in primary schools, we should attach importance to stimulating the interest of primary school students in learning, so as to promote their deeper understanding of the knowledge they have learned, help them form a more perfect knowledge system of moral and rule of law, and help primary school students develop more comprehensively. The reasonable introduction of information technology into moral and rule of law classroom teaching can effectively enhance the appeal of moral and rule of law courses and make primary school students have stronger interest in knowledge exploration, which is of great significance to improving the effect of education. In addition, with the help of information technology, the content of moral and rule of law teaching will become more abundant, and primary school students will be more active and actively participate in the corresponding knowledge exploration and learning, thus greatly improving the teaching quality. In addition, the use of information technology to build an efficient moral and rule of law classroom can make primary school students more intuitive and in-depth understanding of what they have learned, and promote their stronger interest in learning.

2. Improve the timeliness of teaching

In the efficient ethics and rule of law classroom, the reasonable introduction of information technology means can further optimize the teaching form and content, introduce more high-quality resources into the education process, let primary school students have a deeper understanding of the moral and rule of law knowledge content, and help them form good moral literacy and excellent quality. In order to achieve the goal of building an efficient moral and rule of law classroom. Therefore, when carrying out the construction of efficient moral and rule of law classroom in primary schools, we should be good at borrowing from the level of information technology to further optimize the traditional classroom teaching form, content and process, so as to greatly improve the rationality, scientificity and interaction of moral and rule of law classroom teaching. Enable primary school students to conduct a more in-depth analysis of moral and rule of law curriculum knowledge by combining interesting resources and cases of information technology, so as to improve the timeliness and effectiveness of teaching work.

3. Improve the flexibility of education

In the past, in the classroom teaching of morality and rule of law in primary schools, many teachers would choose to carry out teaching activities in the way of indoctrination, which would cause pupils to have adverse psychology such as resistance and resistance, which is extremely unfavorable to their future development, and will greatly affect the improvement of the teaching effect of morality and rule of law courses. By introducing information technology into the efficient classroom construction of ethics and rule of law, the flexibility of teaching can be greatly improved. Therefore, we can try to carry out teaching activities by means of micro-lessons and media videos, so as to further expand the teaching content of ethics and rule of law courses. Through the introduction of information technology, the knowledge content of moral and rule of law courses in primary schools will become more flexible and interesting, so that pupils can better focus on the knowledge

they have learned. In addition, the rational introduction of information technology means can realize the effective expansion of the current teaching content, so as to further enrich the teaching path, promote the primary school students to gradually form a more reasonable and scientific learning ideas, and improve the teaching effect.

2. The strategy of integrating information technology into the efficient classroom of ethics and rule of law

1. Information technology integration to break one-way transmission

In the past, the “input” teaching was mainly taught by the author, and students passively accepted knowledge. In fact, to improve classroom efficiency and students’ learning efficiency and effect, we need to reform and rebuild the teaching relationship. From the past “teaching” as the center to “learning” as the center, which requires the author to return the right and responsibility of learning to students, to establish a teaching mode that can give full play to students’ interest in learning and learning potential. The integration of information technology into the teaching can greatly exert the students’ learning initiative.

For example, when the teaching department compiled the fourth edition of Ethics and Rule of Law “New World of Network”, in order to let students realize the many conveniences brought by the network to our life, the author used tablet computers to create a folder of “New World of Network” in the tablet computers of students. In the folder are all kinds of software such as “Palm travel” and “Palm piano learning”. Students can open the file package before class. Choose their favorite software for experience, which not only stimulates students’ interest in learning, but also gives students more autonomy to choose. In the process of experiencing these software, students can naturally feel the convenience brought by the development of network to our life today. Compared with traditional teachers’ lectures or peer-to-peer communication, the integration of information technology into traditional classrooms truly returns the autonomy of learning to students, enables students to construct knowledge independently in the experience, and turns “lecture hall” into “class”. It effectively improves the efficiency of students’ learning.

2. The integration of information technology expands learning time and space

Each learner is different in learning ability, acceptance, response speed and learning habits. If all students are taught the same material in the same way, the classroom will only be effective for some students. Although teachers face different abilities of students, in traditional teaching, teachers can only adopt the same teaching method and teaching content due to the limitation of space and time. As a result, teachers’ teaching can not meet the needs of students at different levels of ability, so that the gap between students becomes larger and larger. However, the use of information technology can break the limitation of time and space in traditional teaching, give full play to students’ independent choice, and effectively improve classroom efficiency.

(1) Information technology can break the shackles of space

The integration of information technology into the classroom can break the shackles of space, so that students’ learning is not limited to the classroom, but also allow students to collect information from different places with the help of information technology, and create an open environment with multiple choices for students’ learning. For example, in the lesson “The New World of the Internet” on Ethics and Rule of Law, Volume 1 of Grade 4, the author needs students to understand the convenience that the Internet world brings to all aspects of our modern society. At this time, we can make use of educational equipment and information technology. Students only need to use a tablet computer to independently search keywords such as “the convenience brought by information technology to our modern society” or “the innovation of information technology” in the search engine according to the requirements of the teacher. Then they can get a lot of information about the convenience brought by information technology. Students can choose their own learning methods according to their own needs to study, some students choose to watch video learning, some students choose to watch Baidu text introduction. This kind of students according to their own needs, choose the learning content and learning mode of learning form, to a great extent to realize the personalized learning of students, effectively improve the efficiency of the classroom.

(2) Information technology, break through the time limit

The use of information technology can not only break the space shackles of students’ learning, but also create a class resource library through information technology, so that students can learn knowledge anytime and anywhere, check the gaps and fill in the gaps. For example, when the author was teaching the New World of Network, a class learning circle was established through the UMU platform, and all the learning resources for this course were generated and stored before or during the class. For the knowledge not learned in class, students only need to use mobile devices to enter the class again and open the corresponding resource package for learning. The learning of students is no longer limited by time, which helps students to check the gaps in time and effectively improve the learning efficiency.

3. Information technology integration, timely grasp of learning situation

The integration of information technology into the traditional classroom also helps teachers to better design and plan, feedback tracking and evaluation reflection. Learning situation is the basis of teachers’ lesson planning. Only by fully understanding learning situation can we teach students what they need to learn and improve classroom efficiency. Before class, the author uses the questionnaire star to issue the questionnaire to the class group, in order to understand the learning situation to help the author better design the teaching. The integration of information technology into the traditional classroom can also help teachers grasp students’ learning dynamics in real time and improve teaching strategies in time. For example, when the author was teaching the New World of Network, after the resource package was issued, the UMU interactive platform could update the students’ learning process in real time by using information technology. The author could timely understand the speed of students watching videos and grasp the students’ learning progress in real time through the teacher side.

Finally, it can judge the students' learning situation by the students' correct rate of doing questions, so that the teachers can timely grasp the students' learning situation. Compared with the traditional way for teachers to know the situation through inspection, the use of information technology in teaching can enable teachers to grasp the learning situation in time so as to teach students according to their aptitude, truly let teachers teach the knowledge that students can't do, reduce the repetition of exercises, and leave time for the problems that students really can't do. It can reduce the quantity and increase the quality, create an efficient classroom, and thus reduce the academic burden for students.

4. Integration of information technology to achieve effective interaction

The New Curriculum Standard points out that "evaluation promotes teaching and evaluation promotes learning". Teaching evaluation is an important part of teaching activities. The modern teaching evaluation system needs to reflect the diversification of the evaluation subject, the multi-angle of the evaluation content, the all-round evaluation process and the diversification of the evaluation form. Information technology can build a platform for multiple subjects and various forms of teaching evaluation, and it can promote the effective interaction between teachers, students and students. For example, when the author teaches "The New World of Network", the last thing to ask students to form a network convention, then the author can use information technology, let students have a group discussion, first form their own group network civilization security convention, after the completion of the photo upload learning circle. After each group has successfully uploaded, they can learn from each other in the learning circle and click "like", and then arrange and modify their group's network convention to take photos and upload them as needed. After all uploading, each student can learn the network civilization conventions of other groups in the learning circle and click "like" for them. The network security civilization conventions in the class can be selected by counting votes of "like". This link fully realized the students' mutual learning and mutual evaluation. At the same time, the application of information technology also realizes the mutual evaluation and effective interaction between teachers and students and students.

Make full use of appropriate educational equipment in the classroom, integrate information technology into the classroom, with the advantage of information technology, can change the current teaching of the author on the stage, students listen to the stage one-way teaching mode, so that students become the subject of knowledge construction, realize the author's effective teaching and students' efficient learning. The use of information technology can also allow the author to grasp the learning situation in time so as to teach students according to their aptitude, truly let the author tell the students do not know the knowledge, reduce the children's repeated exercises, really reduce the quantity and increase the quality, create an efficient classroom, and reduce the academic burden for students.

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