

Innovative Practice of High School Chemistry Teaching and Class Management Guided by Moral Education

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Abstract: moral education is a compulsory education, emphasizing on understanding people, respecting people, affirming people on the basis of tapping people's own potential, giving full play to people's subjective initiative, to provide individuals with more opportunities for development. However, high school Chemistry is a highly practical and scientific subject, and the relevant knowledge points cover a wide range of fields, covering almost all aspects of life. moral education in Chemistry teaching can effectively improve students' autonomous ability, cultivate students' innovative thinking, and achieve the teaching objectives of Chemistry from a more comprehensive and scientific perspective. To ensure the development and improvement of students' quality, so as to highlight the value of Chemistry education and improve students' intrinsic recognition of Chemistry.

Keywords: high school, moral education, Chemistry teaching, head teacher management

Introduction

In high school, Chemistry is a very important subject. As an important part of natural science, the research focus of high school Chemistry mainly includes the composition of matter, the structure of matter and the law of transformation. In the process of Chemistry teaching in high school, the necessary moral education can be infiltrated to stimulate students' enthusiasm and innovation ability through chemical experiments. At the same time, we should also pay attention to class management, which is one of the important contents of the implementation of high school education goals. Effective class management can not only ensure the smooth progress of teaching activities, but also realize the all-round development of students.

1. The important role of moral education in high school Chemistry teaching

With the development of new curriculum standards, the teaching of Chemistry in high school has put forward new development requirements. In this process, the advantages of Chemistry can be better brought into play, and students' ideological and moral education can be effectively combined with scientific inquiry. In this way, students can actively explore new knowledge and improve their own moral cultivation while acquiring chemical knowledge.

Carrying out moral education in Chemistry teaching in high school can effectively cultivate students' quality imperceptibly. In this process, Chemistry teachers should effectively excavate the teaching content of Chemistry textbooks, so that they can dig out useful materials for students' moral education in the textbooks, and on this basis, constantly improve students' ideological and moral quality and improve their own moral accomplishment^[1]. Therefore, it is of great practical significance to carry out moral education in Chemistry teaching in high school.

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2. Innovative practice of high school Chemistry teaching and class management guided by moral education

2.1 High school Chemistry teaching

2.1.1 Giving full play to the personality charm of teachers in teaching

The process of moral education is not only the process of reasoning and training, but also the process of cultivating emotions and imperceptibly. The image of teachers themselves and a kind of spiritual outlook shown by teachers have a huge and direct impact on students. The teacher's language expression, the teacher's appearance, etc., can invisibly give students the infection of beauty, so as to mold students' sentiments.

2.1.2 Using chemical experiments to understand the truth

In the process of high school Chemistry teaching, experiment teaching occupies the main part. In the process of experimental teaching, students can use experiments to produce effective understanding of compounds, so that chemical principles can be effectively verified. Chemical experiment operation can help students establish materialistic values, which has important positive significance for students' future development and growth. To carry out moral education to students in the course of chemical experiments, Chemistry teachers need to use experiments to stimulate students' learning enthusiasm and infiltrate ideological and moral education in this process^[3].

2.1.3 Paying attention to students' world of thought

In the process of high school Chemistry teaching, Chemistry teachers should also have a full understanding of the students' ideological world. In this process, we need to understand the state of mind of high school students, and then take corresponding moral education measures on the basis of this, only in this way can we receive good teaching results. At this stage, most of the only children in high school students, many students do not have the spirit of hard work, they can not better correct attitude in the process of learning, resulting in their own learning goals are not clear, and can not effectively establish the correct values. Therefore, Chemistry teachers need to pay attention to the ideological world of students and carry out moral education in the process of Chemistry teaching.

2.1.4 Stepping down from the podium and be a collaborator in students' moral education

In addition to conducting moral education for students in classroom teaching, teachers should also conduct a certain amount of moral education for students after class. At ordinary times, teachers should contact with students, understand students' learning and living conditions, and give good guidance to encourage them to make positive progress. The teacher is not only the teacher, but also the friend of the students^[2]. It is not only the teaching partner, but also the enthusiastic guide of students' learning; It is not only a member of the teaching goal "learning community", but also a caring person for the growth of students.

2.2 Innovative practice of class management

2.2.1 Building a harmonious relationship between teachers and students to achieve humanized management

Class management should follow the principle of people-oriented, teachers should give students more humanistic care, so that students feel the love from the class family. First of all, teachers should understand the personality characteristics and growth needs of high school students, strengthen communication and exchange with students through QQ groups, Wechat and other channels, lower their posture, and narrow the distance with students; Secondly, as a head teacher, we should know the situation of every student in the class, not only pay attention to the excellent students, we should be fair and just. After the beginning of each semester, teachers should register the personal information of all students, such as contact information, home address, family situation, etc. For students with poor academic performance and bad learning

attitude, they should visit their homes regularly, understand the reasons for low academic performance through communication with students and parents, try to open students' hearts and truly provide help to students. Solve their learning difficulties and improve their academic performance.

2.2.2 Mobilizing the enthusiasm of students and realizing democratic management

Class management requires the joint participation and cooperation of class teachers and students to mobilize the enthusiasm of students to participate in class construction, establish students' sense of ownership, and more conducive to the implementation of class management strategies. Effective class management can not be separated from a good class cultural atmosphere. Teachers should implement the democratic system in the management work, respect and understand students, and communicate with students like friends, so that students can establish self-confidence and grow up in a relaxed and harmonious atmosphere. Teachers can build class culture according to the learning tasks and management objectives of different periods, organize students to contribute ideas, and everyone can participate in class activities. Through the joint efforts of students, reflecting the value of class culture, students can also constrain their own behavior and stimulate their own development under the rendering of democratic culture.

2.2.3 Respecting students' individual differences and achieving flexible management

High school students are in the rebellious period of youth, if teachers blindly take the compulsory management method, it may achieve the opposite effect. Therefore, in the current class management work, teachers can try to use flexible management art, empathy, give students praise and encouragement, help students establish self-confidence, find their own bright spots, form a positive attitude, in order to improve their academic performance. Teachers can use the form of "weekly note talk" to understand students' learning troubles and practical problems at a certain stage. Through the way of talk, students can feel the concern from teachers and realize their own shortcomings for better development. In the process of conversation, teachers should pay attention to respect the individual differences of students, each student has his own personality, so the content of the conversation, the way of the conversation should be treated differently. Only the correct communication method can obtain the ideal management effect.

2.2.4 Setting up a class committee to build a class

In high school, head teachers can be democratically elected, that is, the class will vote anonymously first to find a list of students who are suitable for serving as class committee; After that, the head teacher will publish these lists, the students with more votes can run for election, and then other students will vote, so that the class committee in the class is elected by the students themselves, so they will naturally believe in the management of these students^[4]. After setting up the class committee, the class teacher can give play to the role of the class committee and let them assist him in management. And the head teacher can also better understand the learning and living conditions of the students in the class through the class committee, so that the management of the head teacher can also be targeted. In addition, the class teacher can also train more members of the class committee, so that they can regulate their daily behavior and set a good example for other students. In this case, the class style will naturally gradually develop in a good direction, which is also of great help to establish a harmonious and excellent class.

3. Conclusion

In a word, in the educational work, a single method is difficult to achieve the purpose of education, so teachers should adopt a variety of forms to carry out ideological and moral education for students to achieve the purpose of education. Moreover, in the solution of practical problems, the Department of Moral education should constantly explore new methods, sum up good experience, and push the moral education work of students to a new level. At the same time, we should also pay attention to the importance of class management, infect students with personal charm, adhere to the principle of "people-oriented", respect and care for students, communicate with students, understand the practical difficulties in students' study and life, truly become a good teacher and friend of students, and play an important role in class management.

Conflicts of interest

The author declares no conflicts of interest regarding the publication of this paper.

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