Method on Exploration of Constructing Harmonious University Classroom

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Abstract

This paper focuses on the harmonious development of society, aiming to cultivate students' ability, explore the way of education and management, innovative education ideas and teaching means from the perspective of positive psychology, meanwhile, in order to improve the understanding and share experiences among school peers, construct the new situation on "harmonious classroom" education mode to highlight the education and teachers charm, 5 principles of harmonious classroom are proposed.

Keywords

Students ability cultivation, people foremost, harmonious classroom.

1. introduction

In the classroom, there are many different perspectives, such as psychology, pedagogy, sociology and so on, the class is a micro ecological system from the point of view of ecology. Teachers and students are engaged as the main ecological organism in the activities of teaching-learning in the classroom, relative to a teacher or a student. Other teachers and students constitute the ecological environment\cite{1}. One healthy and harmonious classroom ecology, ecological factors among teachers, students and environment form a dynamic-interactive-balance-correlation-harmonious relationship. On the contrary, the classroom ecology will unbalance, it is difficult to achieve the desired teaching effect. Education aims at the harmonious development of human beings, and hopes that human nature, human dignity and human potential can be maximally realized in the process of education. A healthy class is not a book-based classroom. Not all students also obey the control by teachers, but not quiet and tidy the classroom, students should be able to speak freely in the class, could fully reflect the personality and personal development\cite{2}. This paper appeals that a healthy and harmonious university classroom should highlight the following aspects:

2. The principles of imparting knowledge and developing ability

Knowledge and ability belong respectively to two different categories, knowledge is conceptual and theoretical system, and ability is the psychological function. The accumulation of knowledge in quantity does not hence lead to the improvement of ability. In addition to knowledge, the cultivation of ability has its own laws and characteristics. The acquisition of knowledge is always the result of individual activities through certain abilities, and the ability is the essential condition for students to acquire knowledge\cite{3}. Conversely, there is no capacity to rely entirely on any knowledge. Students can do all kinds of activities according to their own knowledge, and they can form and improve their abilities by these activities. Therefore, a certain amount of knowledge is the basis for the formation and improvement of ability, and the ability is the prerequisite for further mastering knowledge. They are interrelated and mutually reinforcing. However, how on earth to unify and promote each other? This is the problem on what many experts, scholars and educators have been exploring. Now people become increasingly aware of the dialectical unity between imparting knowledge and cultivating
ability, and the government has implemented the scientific and technological innovation engineering named "innovation is a nation's soul", advocate, encourage and subsidize college students to carry out scientific and technological innovation activities[4]. As a teacher, it is need to put this relationship the gradually into formed the educational ideas and integrate into the classroom, knowledge and special method has been in use to impart knowledge to students, not confined to textbooks, actively encourage students to complete class title or design or project in accordance with subject requirements. Even if fail to, they should reflect their own their thought.

3. principles of understanding and caring for student

The relationship between teachers and students is the most basic and important interpersonal relationship in the process of education. The equal teacher-student relationship has a positive impact on students' cognition, emotion and mental health. Good teacher-student relationship is an important condition to ensure the smooth development of educational activities. Because of human sociality, people have a feeling of desire for fame, status, personality, achievement, etc. and they want to be respected, understood and cared about by others. Respect, understanding and carrying out the principle of concern, is to meet the social needs of people with the popular, young college students is no exception, world outlook, outlook on life and values are all at a critical stage of maturity, it is very sensitive for them to establish the relationship among people, when they feel the concern and good emotion, motivation, they will enhance learning and enhance learning interest. It is a compulsory lesson for every teacher to transfer the emotion properly and promote the teaching of knowledge. At the same time, we need to pay special attention to our moral character and self-cultivation, especially teachers should do as they say, example is better than precept, affective knowledge is infected instead of being taught. As for the teacher are in the leading position in the teaching activities, we need first to change the traditional concept to lay down our shelves, take the initiative to construct relationship of new democracy, equality and cooperation between teachers and students. According to psychological surveys[5], students are most fond of amiable and democratic teachers; students hate and even inwardly hate those authoritarian teachers. Therefore, teachers should respect and get along with no matter what kind of students who are serious about their studies with strong interest, or those who are slow to respond. Top students and poor students is always relative and temporary, studies have shown that schools and society are two different environment, those who make a special contribution in all aspects of the society is not necessarily school students tend to rise above the common herd, furthermore contains a lot of so-called "poor". Therefore, we must develop a democratic style in the teaching activity, and promote mutual trust to establish a good interactive relationship between teachers and students, then guidance the students' knowledge and thinking development, lead it transfer to harmonious relationship between them.

4. principle of positive teacher expectancy and increasing the frustration education

The teacher's different expectations will have a great impact on the students. In the relationship between teachers and students, students with high expectations of the teacher will be able to adapt themselves better, be more energetic and more desire to learn. On the contrary, students who are expected to be indifferent are not able to give full play to their potential. In the course of teaching, different levels students can be participated in activities of the program according to the difficult task, so that they can feel the teacher's attention and expectations, and achieve the sense of achievement. Students feel that teachers can treat each student equally, but also students feel that they are an integral part of this group, so that each student has a sense of belonging. This will naturally make the teacher-student relationship closer, harmonious, harmonious and tacit understanding. Under the premise of positive expectations, teachers can also increase students' frustration education[6]. A setback is looked as the best "University", which can simulate the potential to be excited, and by cracking down on pride, students can truly enjoy the joy of success to exercise endurance, keep a cool head, and grasp knowledge. Practice has proved that those "successful people" are often not the most
intelligent people, and many are those who often suffer setbacks in life and experience, wisdom person. Only those who have experienced years of wind and frost in the face of adversity in life can more profoundly understand what is success. Therefore, in the teaching, the setback education for students is another effective way to improve students' potential and enhance their courage and confidence.

5. Encourage students to perform short programs and stimulate interest in learning

As a professional teacher, of course, it is the main task for us to influence and cultivate students' interest in the professional field, and gradually lead them into the professional fields, but the student's needs and interests are different, it is difficult for teachers to bring into the academic door. In teaching practice, we often found that have little difference in intelligence, but learning effect is different, even some of the "smart guys" don't do better than those those "stupid". So it's need to cultivate and find their professional interest, The interest method is temporarily called the temporarily performance program such as storytelling, comic, comedy, magic, speech, etc. for those who are late for class, occasionally sleep. As for those truancy and insisting on its own way[7]. Aslo, we need to try to discover the extracurricular interest such as ball games, poker, dance and so on, we can also be introduced them to the related professional teacher developing what they eager to, which can increase a sense of intimacy, not only be conducive to the harmonious classroom atmosphere and increase teachers' influence in the students, instead of forcing students to study subjects that are not interesting, the hobby of the students also be received recognition and increased confidence, for students whose are often absent attention class, we should pay attention and take time to talk to them, make clear their needs, and ask for advice about what we needs to do in the classroom. In fact, this phenomenon is directly related to the emotional quotient, emotional, interest, motivation, will and personality of the students[8]. The difference of personality quality significantly influences the development of students' overall quality. Therefore, we attaches great importance to the cultivate students' such factors in the course of teaching, and promotes the students’ nonintellectual factors harmoniously develop intelligence levels by a variety of ways and means.

6. The principle of grasping learning purpose and need

Practice has proved that the more clear the students are to the knowledge, the specific purpose, the meaning and the value, the more they can arouse their interest and arouse their enthusiasm in learning, their learning attitude and learning motivation are closely related, which directly affect the learning effect. When the students think that learning materials is worth studying and agree on the viewpoint of materials, they will have a good learning attitude to get good grades, overcome the difficulties with showing enthusiasm, initiative, diligent and willpower. Therefore, teachers should consciously guide students to form a good learning attitude in the course of teaching, and interest is generated and developed on the basis of need[9]. It will show a positive attitude towards these activity, be eager to contact and observe these things, actively engage in the activity, and pay attention to exploring the nature of its regularity. Lazaro J, an American psychologist, studied the influence of interest and intelligence on learning outcomes, and found that interest was more effective than intelligence in promoting students to learn actively, consciously and assiduously. Therefore, in the process of teaching, teachers should pay attention to train and stimulate students' interest in learning through various ways, improve their subjective initiative, and promote students to study consciously, so as to improve teaching effectiveness.

7. Conclusion

Based on the above the principles of teaching practice, we put forward to construct the basic ideas of "harmonious university classroom", It has some reference value for establishing a reasonable and healthy teaching model system in the new period, hope that students will be able to develop their abilities in the process of learning knowledge, increase their ability to bear stress, and promote
harmony between students and the campus, students and teachers, students and society. Meanwhile, hope that it will help teachers with highlighting the power of education and the charm of teachers in their teaching work.

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References