

# The Effect of Discussion Method in Environmental Toxicology Teaching

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**Abstract:** *With the continuous development of economy and science and technology, computer, as a technological product in the new era, is gradually widely used in people's life and various fields, and the development trend of this technology is also very considerable. In contrast, colleges and universities have carried out the corresponding computer specialty for this technology, the purpose of which is to continuously transport comprehensive application-oriented talents to the society. However, due to the influence of traditional education, there are still many deficiencies in the teaching of computer major in Colleges and universities, which is very unfavorable for students' learning and development. Therefore, how to carry out the teaching reform of the basic course of computer application has become the task that the university computer professional teachers should pay attention to. This paper discusses the integration of diversified teaching methods in classroom teaching, the use of computer + training teaching mode, reasonable classroom evaluation and the cultivation of students' comprehensive quality, and puts forward personal opinions on the practice of teaching reform of computer application foundation course in Colleges and universities. Combination of strength and beauty. In the teaching process of CHEERLEADING, teachers should focus on combining teaching with aesthetics, strive to achieve artistic teaching of CHEERLEADING, and strive to improve the teaching effect.*

**Keywords:** University; Computer Major; Basic Courses; Teaching Reform.

## 1. INTRODUCTION

Teaching methods in the classroom will greatly affect the quality of students' learning, and only efficient teaching methods can stimulate students' learning enthusiasm and improve their learning efficiency. If we blindly adopt the traditional teaching mode, college students will gradually lose interest in learning and even have weariness of learning. CHEERLEADING is a kind of sports which combines music, sports, gymnastics and bodybuilding and other artistic forms in one. It stresses the transformation of different formation forms and the tacit understanding and cooperation consciousness among team members, and fully displays the art and strength beauty of dance. Learning and practicing CHEERLEADING can help students improve their physique and feel the inherent artistic beauty and aesthetic taste of dance. Therefore, it is necessary to deeply excavate the aesthetic artistic value of CHEERLEADING, to provide beneficial reference for further promoting the artistry of CHEERLEADING teaching.

Discussion method is very common in the teaching mode, which is also an extension of the traditional teaching mode. In the specific discussion process, teachers play a leading role, and students as the main body of teaching, teachers design specific teaching problems for students to discuss and analyze, through the discussion between students and the interaction between teachers and students to get the final solution and answer, so that students can learn together and make progress together. Discussion method consists of three parts: imparting knowledge, designing problems, and summarizing.

## 2. INTEGRATE DIVERSIFIED TEACHING METHODS IN CLASSROOM TEACHING

CHEERLEADING is a kind of sport with a long history. It came into people's vision with the characteristics of team cooperation, fashionable fashion, and youth vitality, and was introduced into China at the beginning of the 21st century [2]. At present, CHEERLEADING has become one of the formal sports events in China. In addition, CHEERLEADING also has many forms in the development process, such as campus CHEERLEADING, grandstand CHEERLEADING, parent-child CHEERLEADING, community CHEERLEADING and so on. CHEERLEADING is being welcomed by more and more people for its unique aesthetic value. The goal of constructing artistic CHEERLEADING teaching classroom is positive. No matter what means teachers use in this process to achieve artistic teaching, and no matter what link teachers implement artistic teaching, they can not do without a word "emotion". The most essential feature of CHEERLEADING artistic teaching lies in that it is not only teachers' simple preaching to students and students' mechanical practice, but also the whole teaching is full of passion and deep feeling, because emotion has the most appeal and rendering power. Therefore, teachers should teach with emotion on the premise of ensuring the realization of the established teaching objectives, and students should also go on emotional teaching Learning, which requires teachers to pay attention to interactive teaching in the process of teaching, the use of emotion in the language, posture, expression, intonation and other whole process, with feelings into the classroom, into the students' inner world, to please move, to move people, in the interaction with students to build a bridge of emotional communication, as long as this, can really mobilize the enthusiasm and enthusiasm of students More wholeheartedly into the study of CHEERLEADING, can also reflect the CHEERLEADING itself has the youthful vitality, positive aesthetic artistic force.

### 2.1 Integrating situational teaching method into teaching activities

In the teaching of computer application foundation course in Colleges and universities, teachers need to know that interest is the best teacher for students. Only when they have a strong interest in learning, will they devote themselves to it, to effectively improve the efficiency of teaching. Based on this, teachers can implement situational teaching mode, which can provide students with a specific learning scene and make students feel like they are in the scene. For example, in the basic computer courses, we will learn about the relevant content of role scene shaping, while the computer professional course teachers can use multimedia to show the finished products for students, and then let the students follow the scene set by the teacher to carry out hierarchical practice, so as to achieve the classroom effect of improving students' interest in learning and learning efficiency [1].

## **2.2 Integrating hierarchical teaching method into classroom activities**

Hierarchical teaching method refers to the students are divided into several levels according to their actual learning situation for targeted teaching. The most intuitive effect of this teaching method is that it can form a step-by-step role in students' learning. For example, the teacher divides the students into several levels according to their learning achievements. For example, the first level is students with deep computer skills. They are basically proficient in mastering knowledge, and the speed and efficiency of mastering are very high. Then, for their teaching teachers, they can arrange some more in-depth exercises or tasks for students to do so Constantly stimulate their motivation to continue to explore. The second level of students for the mastery of knowledge points and learning ability are general, then the teacher in the teaching of these students, it is necessary to provide them with some help, for example, to select a representative, the teacher to release tasks to him, and then supervise students to complete the knowledge points and basic exercises training, so as to achieve the best teaching effect. For the last level of students, their academic performance is relatively poor, and the classroom does not actively listen to the class, then the teachers of this part of the students' teaching should make more efforts, personally guide and impart knowledge points, help them gradually catch up with the class progress, so as to achieve the effect of improving the overall teaching efficiency.

Integrating interactive teaching methods Interactive teaching method is also known as group cooperation teaching mode, which is widely used in all stages of education nowadays. The integration of this method in college computer basic classroom teaching can greatly stimulate students' learning enthusiasm, make them immerse themselves in learning, and then express themselves, to further enrich students' knowledge reserve. However, teachers of computer professional courses need to pay attention to the need to design a good process for each link of teaching and optimize every detail in the teaching mode, which is the important guarantee of teaching quality. In addition, teachers need to set corresponding problems as tasks for students to communicate and discuss and solve the tasks, so the setting of problems must be rationalized. Since the problems to be discussed by each group are different, after the analysis and discussion of the study group, a student can be recommended to speak as a representative to express the process and conclusion of the group discussion, and then let the whole class analyze and discuss together. In this way, all the students in the class can participate in each problem and finally make the whole class work together Exhibition and progress. By reporting the results of the discussion, students will be able to have a more in-depth and comprehensive understanding of the problem. In the teaching process of toxicology, there are many problems that need to be discussed by the study group, most of which are due to the mutual transformation between Environmental Biochemistry and some complicated problems. In the process of actual group analysis and discussion and class communication, teachers should fully understand the students' actual situation and learning basis, guide students to participate in the process of analyzing problems, create opportunities for each student to actively express their opinions and suggestions, and let students organically combine their own ideas and knowledge theory to guide them Students give full play to their subjective initiative. This can not only improve students' self- confidence in learning, but also help students better understand the teaching content of toxicology. Moreover, as a teacher, he should be able to control the teaching progress and classroom rhythm, and teach solutions and skills to the problems raised by students, so that students can learn targeted [5].

## **2.3 Integrating cloud computing into Teaching**

In the background of the continuous development of science and technology, cloud technology, as a product of technology in the new era, is gradually used in the teaching of basic computer courses in Colleges and universities, and it is also a strong technical support point, and the effect highlighted by the use of this technology for teaching assistance is also relatively effective. But in the process of actual operation, teachers still need to arrange some resources and processes reasonably in order to achieve the most reasonable teaching effect [2]. The discussion method has changed the traditional mechanical teaching concept and mode of teachers. In the specific teaching process, we should be able to teach the specific knowledge theory, so that students can grasp the knowledge content, to lay the foundation for the next step of analysis and discussion. In the teaching process of toxicology, the transformation between environmental knowledge and biochemical knowledge is a problem that students should deeply understand, which is mainly related to some biochemistry, biological reaction, and other knowledge. Many students think that the teaching content is too complex and abstract, which makes students have great difficulties in the process of understanding and understanding. Therefore, in the specific teaching process, as a teacher, we should guide students to review biochemistry and chemical reactions again, so that students can reduce their concerns. After that, students should be clear about the reaction mode and related factors in the teaching content of Environmental Biochemistry. And design related questions for students to analyze and discuss, and finally get the results. For example, some experts and scholars warn people to reduce the consumption of smoked and baked food or puffed food as far as possible, so that students can discuss the specific reasons [4].

The beauty of coordination is another important aspect of the aesthetic artistic value of CHEERLEADING. The beauty of

coordination is mainly reflected in two aspects: on the one hand, the perfect coordination between music and dance action. In the process of cheerleading practice, music not only endows dance action with stronger expressive tension, but also achieves perfect integration with dance action. This fusion is a kind of coordination Beauty, cheerleading dance action only with the help of its own music, in order to maximize its internal aesthetic value. On the other hand, it is the cooperation and coordination between partners. As we all know, CHEERLEADING is a kind of group dance, which emphasizes and tests the tacit cooperation and coordination between dance partners. Because of the complexity of formation transformation, even to achieve the degree of "heart to heart communication" between dance partners, we can achieve the overall effect of coordination and consistency of the whole dance to the greatest extent, and show people the beauty. At the same time, the CHEERLEADING exercise also emphasizes dance the coordination of dance movement itself should keep good body balance, flexibility, and overall coordination, to better cultivate the good temperament of dancers and enhance their collective consciousness and team coordination ability.

### **3. USING THE TEACHING MODE OF COMPUTER AND TRAINING**

In the basic course of computer application in Colleges and universities, practice is an important part of teaching. In this stage, students need to master a lot of knowledge points and then start to operate, to achieve the effect of learning for application, to lay a good foundation for students' future work. On the educational concept level of CDIO, it is the most practical to carry out practical teaching, which is to combine computer practice with practical training. For example, teachers carry out teaching activities around the knowledge learned in half a semester. The first 70% of the courses mainly explain the knowledge points, and the latter 30% of the courses carry out practical training. In order to make students more familiar with their own majors, colleges and universities can establish a mode of school enterprise cooperation with enterprises, so that students can truly experience how to use their major in practice in enterprises, to improve their ability Their professionalism. As one of the important courses in environmental specialty, environmental toxicology teaching can make students understand and master the theory and related concepts of environmental toxicology more clearly and deeply. Because the knowledge content is more abstract and difficult to understand, it also lays the foundation for the development of environmental specialty in the future. Because the toxicology teaching work is relatively heavy, and the teaching content includes not only the basic knowledge theory, but also some related factors affecting the environment, so in order to effectively carry out the teaching work, the teacher mainly takes the teaching theory as the main teaching task goal in the specific teaching process. However, through the analysis and research of the current teaching work, we can know that students' interest and initiative are not high, and will conflict with learning, which will cause the students' learning effect is not ideal, and the teaching efficiency and quality of teachers are difficult to improve.

If we want to improve the efficiency and quality of teaching, we need teachers to study effective teaching methods. First, we should be able to effectively combine theoretical knowledge and practical application, and actively introduce haze problems when exposed to environmental toxicology, and analyze the pollution hazards and solutions to the environment.

After analyzing some harmful components in haze, relevant protection measures and tools can be naturally introduced. The effective use of Internet technology and multimedia equipment for teaching can enrich the teaching content and form, and add video and image targeted, so that students can better understand the haze problem and the knowledge content of environmental pollution and protection, to improve the teaching efficiency and quality. Although this kind of teaching method has played a certain role, but in the specific application process also produced some problems. For example, when learning, students will selectively watch or learn interesting content. If they encounter uninterested content, they will not be able to concentrate on listening, which will reduce learning interest and enthusiasm. The effective introduction and application of discussion method to toxicology teaching is very critical and important, which can improve the teaching effect and produce effective effect [3].

### **4. REASONABLE CLASSROOM EVALUATION**

As a kind of sports dance, CHEERLEADING has both sports attributes and dance attributes. Therefore, it can bring the audience a full enjoyment of physical beauty. Like other dances, CHEERLEADING combines sports, music, fitness, and entertainment. In the practice process of CHEERLEADING, dancers pay attention to the control of rhythm, follow the change of music rhythm to integrate action and music, and move with music, which fully shows the unity and cooperation, sunshine energy and positive spirit between dancers. Dancers and audience can feel the beauty meaning, emotion and rhythm brought by the beauty of body The most important thing is that the 36 basic hands of CHEERLEADING are changeable in the process of dancing. They have strong creativity. They are the core actions in the whole set of CHEERLEADING. They can bring direct physical beauty and visual enjoyment to the audience, and meet the spiritual and aesthetic needs of the audience. Environmental toxicology is an important theoretical basis for environmental protection. It is an academic method combined with biochemistry and medicine. It focuses more on the damage of biological pollution to life and the implementation of prevention and control. This is not only the work scope of environmental protection, but also an important research direction of toxicology, which can ensure the safety of ecological environment and the health of life. With the development of social economy and various industries, there are more and more chemicals related to people's life. Therefore, it is necessary to evaluate the toxicity and clarify the impact on the ecological environment and life. Moreover, with the improvement of people's ideology and quality of life, the relationship between environmental problems and people's life is becoming more and more close, so environmental toxicology has also been paid more attention.

Reasonable teaching evaluation can maximize students' learning enthusiasm, and in the teaching of computer application foundation courses in Colleges and universities, new requirements have been put forward for the education assessment mechanism. We must abandon the examination-oriented education that kind of computer test plus written examination, and should realize a new assessment mechanism, and then integrate evaluation and practical assessment. For example, in addition to the computer ability test, combined with the practice assessment in the monthly evaluation, this can greatly improve the enthusiasm of students to participate in the diversified assessment mechanism, and then teachers can give them the corresponding encouragement for the monthly evaluation of students, so that students can continuously motivate themselves on this basis, so as to improve the overall teaching efficiency.

## **5. CULTIVATE STUDENTS' COMPREHENSIVE QUALITY**

Comprehensive literacy for students is not a single learning content, but a skill that can benefit them for life. Therefore, the cultivation of College Students' core literacy needs to be considered from three directions. The first is to cultivate students' innovation ability, not only to let students master the computer operation ability, but also to let them carry out independent learning and knowledge innovation based on this, to continuously promote students' innovation consciousness and innovation kinetic energy. The second is to cultivate students' sense of teamwork, which can achieve an effective effect from the teaching mode of group cooperation. Finally, it is to cultivate students' discipline core literacy, which is mainly to guide students to establish correct discipline literacy from their practical teaching, to provide technical, theoretical, and practical guarantee for them to enter the society and participate in work in the future [3]. Environmental toxicology is an important part of the teaching of environmental specialty, and plays an important role in the discipline system composed of various disciplines. At present, the problem of environmental pollution is becoming more and more serious, which makes the subject of environmental toxicology need to develop faster to meet the needs. Therefore, in the specific teaching process, to cultivate and enhance students' interest in learning and enthusiasm, so that students can deeply understand the knowledge and theory of environmental toxicology, and have the technical ability to effectively handle environmental related problems, which has become an important task goal of current teaching work [4].

Discussion method is one of the most important methods in the current teaching work. It mainly refers to the scientific and reasonable design and arrangement, and under the guidance of teachers, students can give full play to their subjective initiative, express their own opinions and suggestions according to relevant issues, increase the interaction and communication between teachers and students, to explore a more scientific and perfect teaching method. The discussion method takes students as the main body of teaching, and changes the traditional teaching ideas and methods, focusing on strengthening the combination of theory and practice, and formulating targeted and purposeful teaching programs and strategies. Therefore, the positive introduction of discussion method into teaching can improve teaching efficiency and quality, and improve the overall quality and ability of students [5].

## **6. CONCLUSION**

In a word, with the further popularization of CHEERLEADING in our country, the artistic teaching of CHEERLEADING in some schools and places has no longer only stay in the oral, but has gradually become one of the highlights of CHEERLEADING teaching practice. But at the same time, in the teaching practice, the attempt of CHEERLEADING artistic teaching still stays at the individual behavior level of teachers, lack of planning, systematic and long-term, and has not yet formed the scale effect of teachers. Therefore, cheerleading artistic teaching is still a weak point in the practical operation level, and most front-line teachers need to focus on in the future Strengthen the teaching consciousness and speed up the exploration of the effective path of CHEERLEADING art teaching. The school level should also actively provide strong support for teachers to carry out CHEERLEADING art teaching, and boost the exploration of CHEERLEADING art teaching to make new progress.

The so-called "live" is active and energetic, which requires teachers to fully mobilize students' enthusiasm and enthusiasm in the daily teaching process of CHEERLEADING, so that students can "live" and participate in the CHEERLEADING teaching process with a more active, open and active attitude. As we all know, CHEERLEADING has higher requirements for students' flexibility and coordination. These movements are sometimes more difficult for boys and need to spend more time than girls to practice repeatedly. If teachers still follow the traditional CHEERLEADING teaching mode and let students practice repeatedly, this boring learning method is likely to reduce their learning enthusiasm, it is very difficult to achieve the expected teaching purpose. Therefore, teachers should properly use group teaching, game intervention and other methods in the teaching process, so that students can fully experience the beauty and pleasure brought by CHEERLEADING, ensure that students are full of spirit and actively participate in the classroom, realize the whole process of physical and psychological participation, and highlight the students in class Only in this way can we achieve the original intention of teaching with pleasure. To sum up, teachers must constantly innovate and Reform since teaching, to optimize the classroom efficiency and promote the comprehensive development of students.

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