

Interaction of Classroom Interaction Under The Condition Of Modern Educational Technology

Hean Liu

College of Science, Hunan City University, Yiyang, 413000, China

Abstract: classroom teaching is the main position for teachers and students to carry out teaching activities. It is also the position that teachers and students influence each other and grow in parallel. We advocate wisdom, advocating science, humanistic care, life must rely on classroom teaching to implement, therefore, classroom teaching is not pure knowledge and knowledge acquisition, but teachers and students to cognition, aesthetic, communication and interaction of comprehensive development in the process of teaching activities, classroom teaching should be interactive nature the classroom teaching, leaving only simple interaction, to instill or let things drift all-round development of the professional development of teachers, and students will become empty.

Keywords: modern educational technology; classroom interaction

1. Introduction

Study of traditional classroom teaching in the classroom teaching shows that the lack of interaction and feedback between teachers and students is a major problem in teaching activities, the teaching environment and the technical conditions of the traditional teachers are busy with other to deal with the problem of teaching, it is very difficult to take into account the students in Teaching the true feelings and needs [1-5]. Teaching activities often become the only performance of the teacher's solo show. Most of the students just listen passively and play quietly". Generally speaking, there are several main problems in the interaction of traditional classroom teaching:

1. ways to solve the problem of a single, generally confined to the classroom, extracurricular opportunities are very rare, but the classroom and teacher exchanges is very limited, extracurricular and teacher exchanges are more difficult to achieve.
2. to solve the problem of low efficiency in the process, students found problems to solve the problem of relatively long, it is difficult for students to when there is a problem to get timely help and solve the problem, but the accumulation is not conducive to students' autonomous learning, not conducive to student learning in depth. Nature also hit the enthusiasm of students learning.
3. to solve the problem of seeking object scope is narrow and mainly is his teacher, and the teacher because of many reasons, it is difficult to meet the needs of the students.

Teachers are the leaders and controllers of the whole class. The whole classroom teaching mode, teaching me-

thods and teaching strategies are decided by the teacher. There are many ways to improve classroom interaction, among which, how to change teaching methods and teaching strategies is the key point of the method [6-10]. Over the years, more popular teaching models, such as the problem based, case based teaching methods under the influence of Constructivist thinking. Absorb the "learner centered, teacher led, student body" teaching philosophy, can effectively mobilize the enthusiasm of students learning, improve classroom interaction.

2. The Role of Teachers in the Classroom

The new curriculum proposed vitality ideal classroom instruction form, the classroom is not only teachers' performance venue, is the communication and interaction between teachers and students of the park classroom to improve not only the training place, but more to guide the development and exploration of students' classroom unknown paradise is not only to impart knowledge of the place, it should be to explore the knowledge, wisdom lit paradise.

The powerful interaction of educational technology has led to some changes in the relationship between teachers and students and the form of interaction. Teachers in classroom teaching is not a one-man show starring, become a partner in teaching activities, the main task is no longer simply imparting knowledge, but to help and guide students to study independently and develop themselves. Network technology provides a very broad interactive platform for classroom teaching, and multimedia technology makes the interactive form of classroom teaching become more lively. In the education of tech-

nical support, in the classroom of students can think independently and express opinions, group discussion students can also use network communication tools such as e-mail, voice mail, electronic bulletin boards, newsgroups, chat rooms, computer conferencing and other communication software whenever and wherever possible participation in teaching, communication and discussion in class, even can be an expert guidance.

3. The Application Of Multimedia In Classroom Teaching

Research shows that the full and free interaction between teachers and students is very important in teaching. However, due to the limitations of various conditions, the asymmetric information interaction between teachers and students in traditional classroom teaching, students can only follow the teacher's way of thinking, passive learning. The transfer of traditional teaching information flow is one to many teachers one-way transfer mode to many students, only a few students get short time expression opportunities. Classroom teaching information exchange and feedback efficiency is generally low: first, information communication is not comprehensive, generally only knowledge exchange, emotion, attitude and other information exchange is less. Two, the information feedback lags behind, and the feedback of students' learning effect often appears in the end of the examination link, therefore, it does not play a role in diagnosis and regulation. The function of human-computer interaction computer constructs new interpersonal space and make the teaching information feedback platform, from one-way type into a two-way and multi way, strengthen the teaching in the process of interaction and feedback effect, especially suitable for personalized education, teaching, cultivate the comprehensive talents of high quality. Teachers and students can use a variety of communication software such as E-mail, BBS, virtual chat room, virtual classroom, forums and other software for full and timely virtual communication. This kind of communication overcomes the rigid effect in the reality communication, and makes the communication become the freedom and conscious activity of the students. The students encounter problems in life or study, or produce inspiration and experience. They can communicate with their teachers or peers at any time. The development of the network can easily introduce the subject experts into the teaching and participate in the discussion and exchange. In this universal and free network communication, students can experience the acceptance, encouragement and understanding between people, and experience the learning and stealing, thus enhancing the continuity of learning.

4. Conclusion

In general, the application of multimedia technology in classroom teaching has gradually become popular, which

is the overall trend of multimedia technology in the development of contemporary education. Admittedly, multimedia technology has brought great changes to the classroom teaching, and promote the development of subject teaching, multimedia courseware has many abundant knowledge, enhance the richness of teaching content, stimulate students' interest in learning, make the abstract knowledge more vivid and intuitive, greatly improve the teaching effect. However, at the same time, any new things often have their shortcomings, multimedia technology is no exception, the key is to see how the educators to control the application of multimedia technology in classroom teaching. Different teaching strategies and teaching media should be adopted according to different teaching objects and different subject contents, so as to give full play to the characteristics of integration and interactivity of multimedia technology. Teachers should continue to improve their own multimedia technology ability, actively explore and sum up experience, multimedia technology will play an important role in classroom teaching.

References

- [1] Isabel González, Ismael Sánchez . "Variable Selection for Multivariate Statistical Process Control ". Journal of Quality Technology . Milwaukee: July 2010 . Vol. 42, ISS. 3; p. 242,
- [2] Ram TS Ramakrishnan, Anjan V. Thakor. "The Review of Economic Studies: 51 Information Reliability and a Theory of financial intermediation", Vol.51, No. 3, p.415-432, 1984.
- [3] Rick Sloop. "Preventive Maintenance your SPC" Journal of Quality Technology, Automated Precision Inc., Dec 2010
- [4] William, R., Kinney, JR., "Information Quality Assurance and Internal Control", 2000, McGraw-Hill, USA.
- [5] M. Backes, M. Berg, and D. Unruh. A formal language for cryptographic pseudocode. In 15th International Conference on Logic for Programming, Artificial Intelligence and Reasoning, LPAR 2008, volume 5330 of Lecture Notes in Computer Science, pp 353–376. Springer, 2008.
- [6] Yizheng Chen, Fujian Tang, Yi Bao, Yan Tang, *Genda Chen. A Fe-C coated long period fiber grating sensor for corrosion induced mass loss measurement. Optics letters, 41(2016), pp. 2306-2309.
- [7] Yang Du, Yizheng Chen, Yiyang Zhuang, Chen Zhu, Fujian Tang, *Jie Huang. Probing Nanostrain via a Mechanically Designed Optical Fiber Interferometer. IEEE Photonics Technology Letters, 29(2017), pp. 1348-1351.
- [8] Weisen Pan, Shizhan Chen, Zhiyong Feng. Automatic Clustering of Social Tag using Community Detection. Applied Mathematics & Information Sciences, 2013, 7(2): 675-681.
- [9] Yingyue Zhang, Qi Li, William J. Welsh, Prabhas V. Moghe, and Kathryn E. Uhrich, Micellar and Structural Stability of Nanoscale Amphiphilic Polymers: Implications for Anti-atherosclerotic Bioactivity, Biomaterials, 2016, 84, 230-240.
- [10] Jennifer W. Chan, Yingyue Zhang, and Kathryn E. Uhrich, Amphiphilic Macromolecule Self-Assembled Monolayers Suppress Smooth Muscle Cell Proliferation, Bioconjugate Chemistry, 2015, 26(7), 1359-1369.