Research on the Application of Computer-assisted Task-based Teaching Method in English Teaching

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Abstract. Computer based Task-based English teaching method mainly refers to the use of computers in English teaching activities to set relevant teaching tasks, so that students can achieve language knowledge acquisition in the whole process of task completion. Students’ communicative competence is increasingly enhanced. The specific teaching task is regarded as the learning motivation, and the task process is regarded as the English learning process. The ultimate teaching achievement can be reflected by the way of displaying the task achievements and teaching achievements. The use of computer-based task-based teaching method greatly mobilize the enthusiasm of students to learn English, activate the atmosphere of classroom teaching. Although the traditional five step teaching method is easy to operate and evaluate the teaching results, the classroom effect is rigid and rigid, which limits the students’ initiative learning enthusiasm and makes students lack of creativity and independent inquiry ability in learning [1].

Keywords: Computer-aided, Task Based Teaching Method, English Language Teaching

1. Problems in traditional English teaching
In the traditional basic English teaching activities of English majors, 3P teaching method is generally adopted. In this teaching method, as long as the teacher first explains the meaning and usage of words through some examples, then explains phrases and sentences, and finally consolidates the knowledge explained before by doing some exercises after class. In the whole teaching process, teachers are not only a place to instill, but students can only passively accept the content explained by the teacher, can not fully mobilize the enthusiasm of students’ learning, the efficiency of the school is low, greatly affecting the improvement of students’ Comprehensive English ability [2] (Figure 1).
2. What is the task-based teaching method assisted by computer
The task-based teaching method with computer-aided is put forward by Dewey, an American pragmatist. In the process of completing the task, all students’ cognitive ability can be fully mobilized through various learning methods [3]. This kind of teaching method makes use of the information that students have obtained, and reflects the advanced teaching ideas through perception, understanding and application in the process of practice. It is a very interesting way of teaching English that is worth promoting. Computer assisted task-based teaching method includes the following parts.

2.1. Target
Through the computer-aided design to compare the differences of education system and culture between China and the United States, select a part of people in advance and divide them into two groups to collect relevant literature and materials through the Internet, and show and explain their own data in the classroom, and elaborate their own views. Through the understanding after class, we found that students will basically take the initiative to complete their own tasks, and will spread their own thinking, but there is a certain lack of expression ability, which needs the later targeted total and learning. All teaching plans must have teaching objectives. For example, in the teaching activities of English reading, the emotional goal can be set to cultivate students’ self-confidence in learning English, and the teaching goal can be to solve the unfamiliar words encountered in the reading process, or to train the students’ writing skills, etc.

2.2. Content
To further understand the relevant words and sentences, teachers can use the structured task model to make supplementary explanations on the sentences and phrases collected and prepared in advance through the Internet, and maximize the understanding and application through discussion. Teachers are required to perform specific behaviors and activities in the classroom. The materials that constitute the task content should be close to people’s life, read more truthfully, can not be rigidly drawn from the textbook, the use of computer-aided can make the teaching content more rich.

2.3. Role
The role here refers to teachers and learners who are assisted by computers. Teachers design task chain through computer, from shallow to deep, layer by layer in-depth. Following the principle of combining theory with practice, teaching can be promoted step by step. Students make plans around the tasks proposed by teachers, and rely on their own efforts to achieve and complete the plans (Figure 2).
3. Teaching strategy design

Computer assisted task-based teaching method takes students as the main body, and its primary goal is to improve students’ comprehensive ability to use English through computers, and help students to complete various teaching tasks, and form a good living and learning habits and thinking ability. There are three stages in the task-based teaching method: pre task, task loop and post task. The pre task is the introduction of the teacher, through the Internet and other facilities to help students understand the requirements of the task and prepare for the task. The task loop requires students to report the overall situation of learning, while teachers need to analyze and summarize the situation and explain and analyze it. In the post task stage, teachers help students learn the key and difficult points, and practice to consolidate the knowledge they have learned [4]. The main body of computer-assisted task-based teaching method changes from teacher to student, and the center of teaching is teacher professor to student’s active understanding and learning, which requires teachers in daily teaching designers to take into account the characteristics of each student, carry out differentiated teaching design, in order to maximize the improvement of students’ English Comprehensive ability.

3.1. Design scientific and reasonable "task"

If the design of teaching tasks is divorced from the students’ actual ability and level, it is not only difficult to achieve the expected teaching objectives, but also counterproductive, which will make students have the "counter psychology" of English learning and reduce the effect of English classroom teaching. Therefore, in the process of using computer-aided "Task-based" classroom teaching design, teachers should start from stimulating students’ motivation and interest in English learning, pay attention to students’ individual differences, and design continuous and hierarchical teaching and learning "tasks". Therefore, in the process of using computer-aided "Task-based" classroom teaching design, teachers should start from stimulating students’ motivation and interest in English learning, pay attention to students’ individual differences, and design continuous and hierarchical teaching and learning "tasks". The computer-aided instruction task designed during English teaching should not only promote the learning of English, but also combine the teaching task with other subjects to improve the students’ comprehensive quality.

3.2. Make full use of various Internet resources

In order to achieve the goal of "Task-based" English teaching assisted by computer, it is necessary to select and utilize resources. For example, teachers can use various multimedia devices and network platforms in the teaching process. On the premise of clear classroom teaching objectives, teachers can guide students to learn how to use various network learning resources and provide necessary material
support for the whole process of discussion and exploration [5]. A prominent feature of Task-based English teaching is to highlight students’ subjectivity in learning English. Teachers play a guiding role. The use of various learning resources can promote students’ English learning initiative and creativity to the maximum extent, and can significantly improve the effect of students’ classroom learning. To some extent, this stage belongs to the implementation stage of the whole teaching task. English teachers need to combine the actual situation of the previous stage and successfully complete the activities of this stage in the form of specific tasks, including group discussion, role play, two person dialogue and group debate, so as to fully stimulate students’ interest in language learning and fundamentally improve their language Communicative competence.

3.3. The strategy of instruction giving should be appropriate

Compared with the traditional English teaching method, the "Task-based" teaching mode under the computer-assisted teaching mode plays a more guiding role. Therefore, whether the teacher’s instruction is accurate or not will affect the teaching effect of English classroom. Before each English class, teachers should give clear learning tasks. The issuing of instructions should strictly follow the principles of clarity, organization in advance and complete instructions. The instructions should be as simple and clear as possible, standard and concise, so as to help students understand the "task" requirements more intuitively. The post stage of computer-aided task-based teaching belongs to the summary of the teaching results of the previous two stages. The main task of this stage is to accurately analyze the actual completion of the task by students, and to increase students’ earning initiative through computer. It mainly refers to the specific process of completing the task and the final result after the completion of the task (Figure 3).

![Figure 3. Application process of task based teaching method with computer assistance.](image)

4. Conclusion

To sum up, the task-based teaching method assisted by computer is one of the important contents of modern teaching theory, and it is also an important field of education reform and research. However, the teaching concept of focusing on practical teaching significance and taking students as the teaching center provides a new development direction and idea for basic English teaching. With the wide application of task-based teaching method, students’ learning enthusiasm is constantly improving, and the comprehensive ability of using English has also been significantly changed [6]. Therefore, English teachers should carefully choose and reasonably design the task of "Task-based" English Teaching under the computer-aided method according to the content of the teaching materials, the requirements of the syllabus and the students’ professional background, so as to gradually improve the students’ English language application ability and level, so as to promote the realization of English teaching objectives.
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