

An Analysis of College English Writing Instruction in ChatGPT Environment

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Abstract: The rapid development of artificial intelligence has brought a lot of convenience to people's life. The good use of ChatGPT in college English writing can add a lot of vitality to learning. In order to promote the improvement of students' writing level, teachers should constantly integrate resources and optimize teaching design. This paper will explore the teaching of college English writing in the ChatGPT environment for communication.

Keywords: ChatGPT; College English; Writing teaching; Probe into

Since its release in 2023, ChatGPT has attracted attention from all walks of life with its powerful iteration speed and language features. Although ChatGPT is not designed for language education, it contains rich language resources and provides more possibilities for English writing teaching. Teachers in the new era need to apply new technologies in the teaching process, guide students to use artificial intelligence scientifically, and effectively improve the teaching effect.

1. Advantages of the application of CHATGPT in college English writing teaching

1.1 Improve writing efficiency

The application of ChatGPT in college English writing teaching can effectively improve the efficiency of writing. First, ChatGPT provides students with real-time instruction. In the traditional teaching mode, students need to wait for the teacher to correct the composition for a period of time after writing, but the intervention of ChatGPT allows students to get real-time feedback, so as to correct their mistakes and improve their expression. It also allows students to have more fluent ideas in the writing process and improve their English writing ability. Second, ChatGPT can provide students with more writing materials and inspiration. ChatGPT has a very powerful language processing function. After students input questions, they can show students rich language materials and provide inspiration for students' English writing. In the conversation with ChatGPT, students can have a deep understanding of different phrases and sentence patterns, enrich their writing content, and enable them to enter the writing state more quickly. Third, ChatGPT can help students build a better writing structure. In the process of English writing, a clear structure is crucial to help students clarify their writing goals. ChatGPT can provide students with frameworks and templates to help them sort out writing logic and improve writing efficiency.

1.2 Enrich language expression

The application of ChatGPT in college English writing can greatly enrich students' English language expression. First, ChatGPT has powerful language processing capabilities. In the process of writing, students are often unable to carry on because of problems such as words and sentences are not smooth. With the help of ChatGPT, students can find words and phrases suitable for their writing situation according to the context, which helps students avoid repeating single expressions and enhance the richness of the article. Second, ChatGPT can guide students to use more sentence patterns and rhetorical devices to enhance the hierarchy of the essay. For example, the use of appropriate famous quotes in the writing process will make the article a higher level and enhance the three-dimensional sense. Third, ChatGPT can better help students construct a writing picture. Through the communication with ChatGPT, students can be more clear about what they want to express, so that they can use appropriate sentences to write more vivid and convincing essays. Fourth, ChatGPT can help students expand their thinking and enhance their language expression skills. In the process of writing, students often fall into a single writing mode, or even keep using the same set of templates, and insert a few

words into the template. To complete writing in this way will limit students' imagination and expression ability. ChatGPT can provide students with more ways of thinking and language expression, and improve their English writing level.

1.3 Provide personalized guidance

First, ChatGPT can be adapted to the individual needs of each student. ChatGPT is open to all the public, everyone can communicate with it, ChatGPT will output content according to the feedback, can adapt to each student's way of thinking and language habits, and tailor suitable English writing expressions for them, to provide students with personalized guidance. Second, ChatGPT can adjust instruction strategies according to the real-time writing status of students. In the traditional writing process, it is usually difficult for teachers to provide individualized guidance for each student, and they can only guide them on more general issues. ChatGPT receives feedback from students in real time and provides them with new language materials based on this information. Third, ChatGPT can help students establish the right writing habits. English writing is not only a simple stacking of words, but also a training of thinking and logic. ChatGPT can help students better sort out topics and writing logic, and improve the quality of students' English writing. Fourth, ChatGPT can cultivate students' self-learning ability. ChatGPT is a novel way for students to ask questions and ask for help. In this process, students will imperceptibly improve their independent learning ability and think independently to solve problems.

2. Challenges faced by the application of ChatGPT in college English writing teaching

2.1 Dependency Problem

The application of ChatGPT in college English writing teaching is still challenging. First, over-reliance on ChatGPT will make students lose their independent thinking and creative ability. When students encounter problems in English writing, they turn to ChatGPT, which reduces the process of thinking. Or rely entirely on suggestions or templates provided by ChatGPT, thus lacking their own creativity, making the article not deep enough. You should understand that ChatGPT is not a perfect writing machine, and you need to integrate your own creativity and ideas. Second, the dependency problem will affect students' language ability. Although ChatGPT has a rich library of language resources, if students over-rely on it, they may have lower requirements for their vocabulary mastery, which will affect their language ability. ChatGPT is a language model formed based on big data, and sometimes the suggestions given are not necessarily consistent with the logic of English writing, and students need to carefully distinguish. Third, relying too much on ChatGPT will reduce the quality of teachers' teaching. Students constantly use ChatGPT in the writing process, which will weaken the role of teachers over time, believing that it does not matter whether the content of teachers is listened to or not, ChatGPT can help solve all problems, which is also the problem we need to pay attention to.

2.2 Lack of innovation

First, the template provided by ChatGPT for students is based on existing data resources, which has strong regularity and universality. However, innovation is the soul of writing. If students copy ChatGPT's views, their English compositions will be less innovative and difficult to break out of the conventional thinking frame. Second, it affects students' learning attitude. In the process of English writing, students realize the convenience of ChatGPT's help. They may directly ask ChatGPT for advice when they encounter problems in future learning, and close other learning channels. In the long run, students' learning attitude will gradually fail to develop in the right direction. Third, the lack of innovation caused by the use of ChatGPT in English writing teaching will also affect the quality of teaching by teachers. Students rely on ChatGPT templates in the writing process, and the articles written are strongly single, which will bring difficulties to teachers' correction. Can not see the true level of students, can not get the real feedback of teaching effect.

2.3 Ethical and copyright issues

ChatGPT can help students improve their writing efficiency, but there are still some ethical and copyright issues to pay attention to in the process of using CHATGPT. ChatGPT has a wealth of language materials, and the provision of these resources to students who then use them directly, without attribution or proper citation, may cause copyright disputes, harm the original author, and affect the academic development of students. In addition, when using ChatGPT, students' personal information and writing content are also at risk of leakage, which requires close attention.

3. The application strategy of ChatGPT in teaching college English writing

3.1 Conduct personalized tutoring and differentiated teaching

First, give specific guidance according to the specific situation of students. ChatGPT is a new language processing tool emerging under the background of rapid development of artificial intelligence technology, which can provide help for students' English writing. Each student has different English level, different writing habits, and different difficulties in the writing process. The scientific use of ChatGPT in English writing instruction allows students to be guided to their individual needs. Help students analyze writing samples,

identify grammar and other errors, so that students can identify their weaknesses and improve. In this process, teachers need to have a full understanding of students' writing, so that students can achieve greater growth with the help of ChatGPT. Second, according to the different learning characteristics of students, to provide them with suitable teaching methods. ChatGPT can analyze students' learning experiences and interests, so as to recommend appropriate writing materials and learning resources for students to improve their English writing skills. At the same time, teachers should grasp the scale of students' use of ChatGPT. Artificial intelligence technology cannot replace the role of teachers in the teaching process, and teachers should keep pace with The Times and constantly update their teaching concepts to provide more learning motivation for students.

3.2 Creative stimulation and thinking expansion

First, set open-ended writing assignments. In traditional writing teaching, teachers usually set the topic and students write according to the topic. In order to cultivate students' expansive thinking and innovative ability, teachers can set open writing tasks to give students more space to play. In the process of communicating with ChatGPT, students can learn more knowledge that they are interested in and better improve their English writing level. Second, lead the students to brainstorm. Brainstorming is a way to stimulate students' potential through deep thinking. Students brainstorm ideas and interact with ChatGPT in order to gain more writing possibilities and open their minds. Third, make reasonable use of ChatGPT for pre-writing planning. Help students better grasp the coherence of writing, build a good writing framework, and lay a foundation for better writing.

3.3 Real-time interaction and timely feedback

First, teachers can set up group chats to help students get timely feedback, or allow students to interact with ChatGPT at any time in the writing class to help students get timely feedback, and teachers can also see the growth of students from time to time. Second, teachers should design some interactive writing tasks, which can be completed by teams. Students are divided into small groups to interact with ChatGPT, improving students' presentation and communication skills while improving students' writing skills. Third, teachers can encourage students to correct each other's compositions. If only one teacher corrects, it takes a long time. With ChatGPT, students can improve their checking ability and make progress in learning from each other. Fourth, teachers can encourage students to use ChatGPT to correct essays by themselves. After the correction is completed, the revised opinions and reflections will be sent to teachers, so that teachers can have a more comprehensive grasp of students' writing status.

Conclusion:

After discussing the application of ChatGPT in college English writing teaching, we can find that the integration of the two has great potential and value. The intervention of ChatGPT can further improve students' writing level and writing efficiency, as well as teachers' teaching efficiency. Through intelligent analysis, teachers can more clearly find the mistakes in students' compositions, and give suggestions for improvement, reducing the burden of teachers' correction. We should continue to tap the great potential of ChatGPT in continuous application, and bring more vitality to college English writing teaching.

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