

Practice and Reflection on Vocabulary Memory Strategies in English Courses

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ABSTRACT

Vocabulary is the basic part that constitutes the structure of English vocabulary. The vocabulary bank has a crucial influence on the improvement of students' abilities such as listening, speaking, reading and writing. Although it is widely recognized that the importance of word memorization is important nowadays, in specific teaching, people still encounter some difficulties, such as stiff and mechanical memory strategies, detachment from application scenarios, and lack of integration of technical applications. This study mainly involves the use of word memorization strategies in English courses. It conducts research from the theoretical level, practical level and innovative level to explore how to maximize the learning effect, promote the improvement of language skills and the innovation of teaching models. The author conducts specific research based on cognitive theory, the application of multimedia technological teaching, and the setting of immersive teaching scenarios, revealing detailed methods in all aspects. At the same time, combined with the research experiments of this group, a series of rectification measures such as establishing a systematic training system, constructing a technical support system, and setting up an immersive learning environment are given. It has laid a theoretical and practical foundation for us to improve the teaching effect of English words in the future.

KEYWORDS

English course; Vocabulary memory strategy; Cognitive law; Multimedia technology; Context creation

1 The application value of vocabulary memorization strategies in English courses

1.1 Theoretical value in enhancing the efficiency of vocabulary learning

The application of vocabulary memory strategies in the process of English practice can provide a scientific way for learning English and effectively improve the efficiency of learning English. According to the principles of cognitive psychology regarding the memory process, the memory process includes: encoding, storage and retrieval. The application of reasonable vocabulary memory strategies can improve and optimize this trilogy. In this way, students can master a large number of words within a limited time and quickly extract them at the appropriate time through actual communication and dialogue. From a theoretical perspective, the vocabulary memory strategy follows the relevant theories of the "Association theory" and the "deep processing theory". It enhances the memory of vocabulary and its context (or environment) and situation, thereby strengthening students' further cognitive ability and extending the memory time. This theoretical system is highly practical. It provides students with a powerful spiritual source for memorizing vocabulary, enabling their learning to no longer merely remain at the superficial level of memory. Instead, it relies on a variety of different strategies to achieve a deeper and higher-quality memory effect, while effectively transforming the memorized content.

1.2 Practical value in promoting the development of comprehensive language ability

Vocabulary is the most fundamental part that constitutes a language. Vocabulary memory can affect the performance level of language skills such as listening, speaking, reading and writing. In the process of learning English, it is not only about mechanically training students to memorize words, but more importantly, it is about enabling students to establish language sense thinking, so as to improve their comprehensive language ability. By using good word memorization methods, students can apply the new words they have learned to unfamiliar environments and new things, thereby strengthening their ability to use English orally. Memorizing words continuously over a long period of time can enhance students' ability to recognize and infer words in listening, and help them select words and construct correct grammatical structures when writing and communicating. Especially when students are communicating in real situations, the flexible use of vocabulary can enable them to express their opinions and ideas with words, helping them improve their comprehensive language application ability.

1.3 The innovative value of optimizing the English teaching mode

The continuous development and improvement of information technology have enabled the word memorization strategy to be widely applied in English classrooms, which is a brand-new teaching method for the traditional English education approach. Most traditional English vocabulary teaching mainly focuses on simple memorization, with insufficient exploration of the meanings and usage scenarios of words and phrases. However, word memorization strategies place more emphasis on the diversity of learning and students' autonomous learning ability. In innovative English education, by applying factors such as cognitive theories, multimedia and the environment to create a learning environment for English, and allowing students to adopt the most suitable learning methods for themselves based on their own interests and choices, the willingness and effectiveness of learning can be enhanced. For instance, through forms such as pictures and videos, and by applying methods like situational dialogues and practical training operations, students can remember words more deeply. The new English teaching model, with its special memory strategies, enables students to have more diverse and highly flexible learning methods, promoting the comprehensive reform of the entire English education system.

2 Practical application of vocabulary memorization strategies in English courses

2.1 Application of vocabulary memory strategies based on cognitive laws

The method of word learning in accordance with cognitive laws mainly refers to the approach of improving the effect of word learning by starting from a reasonable cognitive process. Based on the utilitarian model of human brain memory, the input, storage and retrieval of data involve a series of planned and complex processes. During this process, some cognitive principles such as the "Information Processing Theory" and the "Theory of the Forgetting Curve" provide explanations for setting the methods of word learning. By using the hierarchical memory strategy and the method of spaced repetition, students can maintain vocabulary for a long time. For example, the hierarchical memory method proposes hierarchical memory based on the difficulty level of words, dividing the learning process into a series of hierarchical steps. Based on the "theory of the forgetting curve", frequently look back to consolidate memory and prevent rapid forgetting. The application of these cognitive rules makes the learning of words not only a mechanical repetition of words, but also promotes the memory of words in a scientific way, thereby improving the learning efficiency.

2.2 Application of vocabulary memory strategies combined with multimedia technology

With the development of technology, the application of new multimedia technologies has made the memory of vocabulary more helpful. Through different presentation methods such as images, films and audio, students use multiple senses to deepen their memory of vocabulary. For example, English teachers can combine vocabulary with specific contexts through video materials to facilitate students' better understanding of the usage of word meanings. The vocabulary learning content presented by multimedia technology not only enhances students' visual and auditory experiences, but also deepens the memory of vocabulary. For example, when watching short films, students can remember the vocabulary related to their content through film dialogues, film tones and backgrounds, etc. Meanwhile, by adopting intelligent learning devices, students can conduct self-tests and receive feedback, facilitating the adjustment of their memory methods at any time. The integration of multimedia technologies enables students to learn more actively and actively. Vocabulary memory is interactive, which enhances students' interest in learning and optimizes their learning outcomes.

2.3 Application of vocabulary memory strategies integrated into context creation

Scene reproduction is one of the important means of memorizing words, and it is also quite necessary for learning English. It is obviously not advisable to learn English words merely through the dull and boring rote review methods such as looking up words. By constructing scenarios and creating a language environment, effective practical space and platforms can be provided for students, and they can be guided to remember and use words. For instance, scenario reproduction can integrate words into real-life scenarios by creating dialogues such as shopping and traveling, telling

short stories, and group performances, thereby achieving the effect of helping students naturally remember words. Through the application of vocabulary by students during their performances and dialogues, not only is their memory deepened, but also their language expression ability is improved. Meanwhile, teachers should organize various forms of learning activities such as group discussions and role-playing based on various novel teaching strategies, putting students in a situation where they "speak" and "act" to enhance their memory. This not only enables students to firmly remember the definitions of the words, but also allows them to understand the different meanings of the words and their applications in various situations, thereby enhancing the flexibility of students in using the words.

3 Practical reflection on vocabulary memorization strategies in English courses

3.1 Cognitive reinforcement and reflection: constructing a systematic memory training system

The core of cognitive reinforcement strategies is to establish a learning management program that can enhance students' long-term memory of vocabulary from the perspective of vocabulary memory training. The best learning courses should be rooted in the current learning status of learners, combined with memory strategies, to determine the optimal course planning. Vocabulary learning is divided into three stages: beginner, intermediate and advanced. The degree of vocabulary memory learning corresponding to each stage is also different, and it is accompanied by cognitive reinforcement measures. At each stage of the learning process, a deep understanding of vocabulary is achieved through repeated browsing and repeated practice, and the learning pace is adjusted under the regulation of cognitive principles. In this way, learners can not only deeply understand a large number of vocabulations during the process of memorization and practice, but also flexibly apply vocabulations in specific application scenarios, thereby achieving the ultimate goal of long-term vocabulary memory.

3.2 Reflection on technology integration: building a multimedia memory support platform

With the development of technology, it can be applied to the way of word memorization, providing students with more personalized and interactive experiences. By building a multi-media-based assisted memory platform, students can obtain learning resources through different learning environments and undergo memory training tailored to their aptitudes. By leveraging intelligent AI technology, targeted learning resource push and memory training plans are carried out based on students' learning conditions and memory situations. Such as practicing the pronunciation of words for students through speech recognition technology; The VR virtual reality technology is adopted to construct a deep language environment, enabling students to achieve word memorization in the context. In addition, through data analysis, the learning situation of students can be tracked to help them formulate personalized study and review plans. The integration of the above technologies, on the one hand, enhances learning efficiency, and on the other hand, stimulates students' interest in learning and improves their efficiency in memorizing words.

3.3 Context optimization reflection: creating immersive memory application scenarios

The strategy aims to create a place for in-depth and participatory memory practice, allowing students to deepen their memory of vocabulary in a real language environment. This immersive learning mode enables learners to associate the vocabulary they have learned with the usage scenarios of real language through a virtual environment. For instance, students can be encouraged to adopt methods such as role-playing, situational dialogue, and cross-cultural communication in class. When they are actually confronted with language usage situations, they can apply vocabulary to daily language communication scenarios, thereby further deepening their memory of vocabulary. In addition, the creation of virtual scenarios, such as learning web pages and interactive classrooms, to achieve context optimization, the context not only helps to memorize words but also helps to exercise students' language expression ability, enabling them to use vocabulary and express themselves in diverse scenarios, ultimately forming good language expression ability.

4 Conclusion

To achieve the effectiveness of English vocabulary memorization strategies, it is necessary to take into account both theoretical significance and practical innovation. Based on the principles of epistemology, a complete training system is constructed. The scope of words is expanded through multimedia, and scenarios are built to help students better understand and use words. This is the most important way to achieve enhanced memory. In future education, emphasis should be placed on the application of strategies, paying attention to the accuracy and flexibility of strategy application. Based on students' own personality characteristics and the trend of technological development, the usage methods of word memory strategies should be continuously optimized to consolidate the foundation for the cultivation of comprehensive English language ability.

About the Author

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