

# Study on Vocabulary Memorization Strategies of English Majors

-- Taking Bai cizhan, MoMo, and BuBei Vocabulary APP as Examples

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**Abstract:** English vocabulary learning is an important foundation for English majors to improve their language ability. With the development of science and technology, various vocabulary memorization APPs come into being, providing diverse learning tools for English learning. The purpose of this paper is to explore the vocabulary memorization strategies and their effects of English majors' vocabulary memorization using the three mainstream APPs, namely, Baicizhan, MoMo, and Bubei Vocabulary, with a view to providing practical guidance and theoretical reference for vocabulary learning of English majors.

**Keywords:** English Vocabulary Learning; Vocabulary Memorization APP; Providing Practical Guidance and Theoretical.

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## 1. The Importance of Vocabulary for English Majors' Learning

For those who are committed to English learning, it is crucial to master a rich English vocabulary. It not only has a direct impact on improving their language comprehension, but also has a close connection with their ability to apply what they have learned to actual language expression, i.e. language output. In the past, learners generally relied on mechanical repetition and simple rote memorization to memorize vocabulary, however, this method has gradually shown its limitations in terms of efficiency and durability, and is unable to meet the growing needs of modern English learners. In view of this, it has become a new trend to seek and utilize the aid of modern technology to enhance vocabulary memorization. For example, English majors have begun to widely adopt various kinds of vocabulary memorization applications (APPs), which help them expand their vocabulary more easily by providing more efficient and interesting memorization methods, thus achieving good results on the road of English learning.

## 2. Current Problems of English Majors in Vocabulary Memorization

When discussing in depth the current challenges faced by English majors in word memorization, we can't help but notice several significant and widespread problems. First, inefficient memorization is a common dilemma faced by many students. Due to the large and complex English vocabulary, students often find themselves investing a lot of time and energy in memorizing new words, but forgetting them at an unusually fast rate, resulting in unsatisfactory learning results. This inefficient way of memorization not only frustrates students' motivation to learn, but also seriously affects their learning efficiency.

Secondly, the lack of scientific and effective memorization methods is also an important reason for the difficulty of word memorization. Many students still use the traditional way of rote memorization when memorizing words, without making

full use of scientific memory techniques such as association, word formation, contextual understanding and so on. This single way of memorization is not only boring and tedious, but also difficult to form long-term memory, which makes students feel overwhelmed when facing a large number of words.

In addition, the lack of interest in learning is also a problem that cannot be ignored. For many students, English word memorization is a boring task that lacks sufficient attraction and interest. As a result, they often lack sufficient motivation and enthusiasm in the memorization process, and find it difficult to remain focused and engaged for a long time. This negative learning attitude further aggravates the difficulty of word memorization.

In summary, the current problems of English majors in word memorization mainly include low memorization efficiency, lack of scientific and effective memorization methods and lack of learning interest. In order to effectively solve these problems, we need to guide students to adopt more scientific and effective memorization strategies, stimulate their learning interest and motivation, so as to improve their vocabulary memorization effect and learning efficiency.

## 3. Vocabulary Memorization Strategies of Three APPs

### 3.1. Baicizhan

The APP adopts the picture memory method, combining words with vivid pictures to deepen the memory through visual stimulation. At the same time, the APP also utilizes MVs to create specific contexts, so that words are strengthened under the dual effects of sound and picture. In addition, Baicizhan also introduces the teaching of root words and suffixes and the mechanism of repeated memorization to help students trace their roots and consolidate their memory.

### 3.2. MoMo

MoMo memorizes words according to the difficulty of words and the individual memory differences of students, and customizes the revision planning. The APP accurately locates

the forgetting threshold of each word through intelligent algorithms and arranges review at the right time in order to improve the efficiency of memorization. Meanwhile, MoMo is also compatible with the thesaurus of various authoritative physical books on the market and supports viewing a variety of online English dictionaries at any time, providing students with comprehensive and authoritative vocabulary learning resources.

### 3.3. Bubei Vocabulary

With hundreds of thousands of real-life scenarios and audio examples, Bu Bei Vocabulary APP restores the various contexts in which words are used and helps students master the meanings and usages of words in an all-round way. The APP adopts two sets of intelligent algorithms for learning and reviewing, automatically adjusting the learning arrangement to strengthen and compensate for weaknesses. At the same time, Bu Bei Vocabulary also provides rich thesaurus resources, covering all kinds of domestic and international exams, to meet the diverse learning needs of students.

## 4. The Effect Analysis of Vocabulary Memorization Strategy

### 4.1. Improvement of Memorization Efficiency

All three APPs improve students' vocabulary memorization efficiency through different memorization strategies. The Picture Memory Method and MV Context Creation of 100 Words Chop enable students to deepen their memorization under the double stimulation of visual and auditory; the Intelligent Review Planning and Compatible Thesaurus of MoMo help students precisely locate the forgotten points and reduce the ineffective review; and the Real Context and Intelligent Algorithm of Don't Memorize Vocabulary enable students to grasp the usage of vocabulary in specific contexts and improve the quality of memorization.

### 4.2. Enhance Learning Interest

The three APPs stimulate students' learning interest through diversified learning methods and interesting learning contents. The funny music videos and root word affix teaching of Paixin make the learning process more vivid and interesting; the customized revision planning and rich vocabulary database of MoMo satisfy students' personalized learning needs; and the real-time example sentences and

intelligent algorithms of Not Memorizing Vocabulary enable students to master vocabulary in a relaxing and enjoyable atmosphere.

### 4.3. Promoting Language Output Ability

The three APPs not only help students memorize words, but also promote students' language output ability through the creation of specific learning contexts and the provision of example sentences. While mastering words, students are able to understand their usage and collocations in different contexts, so that they can flexibly utilize the learned vocabulary in speaking and writing.

## 5. Conclusion and Suggestions

To summarize, all three APPs, Baicizhan, MoMo and Bubei Vocabulary, perform well in vocabulary memorization and improve the vocabulary memorization efficiency and learning interest of English majors through different memorization strategies. However, different students have different learning styles and preferences, so it is recommended that students choose APPs according to their own actual situation. At the same time, teachers should guide students to make reasonable use of these APP resources and combine traditional learning methods for vocabulary learning to achieve better learning results.

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