

# Research on Strategies of Modern Information Technology Assisting Children's English Teaching

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**Abstract:** Children is the best time to learn English. Mastering English has the same physiological mechanism as mastering the mother tongue. Early contact with English of young children is conducive to the cultivation of English expression and communication skills and plays a key role in enlightenment education. The most basic characteristics of English teaching for young children are fundamentality, enlightening and enjoyment. Modern information technology has the characteristics of sound and image combination, bright colors and rich expressive power, which can create a relatively real language learning environment. In order to give full play to the role of modern information technology in assisting children's English learning, this article proposes specific teaching strategies in terms of vocabulary, grammar, listening, speaking, reading, writing and translation, stimulates children's interest in learning and innovation, and improves children's English learning enthusiasm and initiative.

## 1. Introduction

English is a basic quality that must be possessed by talents in modern society. Children are at the enlightenment stage of English, which affects the attitude and effect of English learning in the future. Strengthen children's English teaching, let children develop good English learning habits. Modern information technology is an advanced teaching method, which injects vitality and energy into English teaching for children, and provides a new opportunity for the reform of English teaching. Modern information technology integrates images, text and sound. It is lively and interesting. It is very suitable for children's psychological characteristics and cognitive laws. It can arouse children's passion and motivation to learn English and encourage children to use English as the components of learning and life, increase the autonomy, initiative and enthusiasm of children's English learning, and truly realize happy learning. This paper studies modern information technology to assist children's English teaching, guides teaching practice with advanced educational ideas, conforms to the development trend of information-based teaching, helps children's English teaching, and promotes the healthy development of children's body and mind.

## 2. Modern Information Technology Assisting Children's English Vocabulary Teaching

Vocabulary is the basic unit of language, and language expression and communication should be achieved through vocabulary. Vocabulary is an important part of English teaching. The mastery and application of vocabulary is the basis for enhancing language knowledge and cultivating language skills. The effect of vocabulary teaching is related to the realization of foreign language teaching goals. All English skills are inseparable from the understanding and application of vocabulary. In English teaching, students should be aware of the importance of learning vocabulary, guide students to learn and remember vocabulary more effectively, and explore effective teaching methods.

Use multimedia information technology to create specific situations and mobilize students' initiative in vocabulary learning. Children's abstract thinking ability is relatively poor, mainly relying on mechanical memory. For boring teaching content, especially words that are difficult to form a logical relationship with each other, it is difficult to maintain concentration. Use multimedia

information technology to create situations to make the boring words more specific and vivid. If the words are compiled into chants, the children's interest will naturally be stimulated. For example, when teaching vocabulary related to animals, make interesting animations or courseware, display vivid scenes, add different animal sounds, and create the sense of immersion.

Use information technology to optimize vocabulary teaching tools and methods. Young children are generally more active and very interested in some new game activities. Information technology can help solve the single tedious problem in traditional teaching. Use information technology to make interesting games and assist vocabulary teaching. An interesting game form, which helps to train children's image memory ability and leave a deeper impression, so that they form a deep memory of words and are not easily forgotten. At the same time, assisting in practicing reaction ability, training thinking agility, improving concentration, and improving children's information acceptance are very beneficial to children's growth and learning.

### **3. Modern Information Technology Assisting Children's English Grammar Teaching**

Language is a tool for social communication, a system of vocabulary and grammar that combines sound and meaning. Grammar is the organizing law of language, which gives language a structural system. It is the sum of changes in morphology and rules for making sentences with words. There are always two kinds of wrong cognition of grammar teaching in the foreign language teaching circle in our country, resulting in two kinds of wrong tendency of grammar teaching. First, grammar-centered theory considers language as a system of knowledge, and foreign language teaching should be centered on grammar teaching; second, grammar is useless theory, that grammar is the root cause of poor quality of foreign language teaching. Actual grammar teaching should avoid these two tendencies, help students master complete grammar knowledge, and use grammar rules to guide language practice. Children's English grammar teaching should obey and serve to cultivate children's language practice ability, through grammar teaching to enable children to master language laws, and better language practice such as listening and speaking.

In the actual teaching of English for young children, grammar is not taught as explicit knowledge and is not explained systematically, but is integrated into specific language practice. The use of language is carried out in specific situations, through repeated practice to achieve proficient application, this method is not suitable for young children, because young children's abstract thinking is not developed, but it is very attractive to the situation. Based on modern information technology, grammar teaching is situational and communicative, and grammar practice is combined with specific language activities. Song and rhyme are also effective methods of grammar teaching. Using modern information technology to produce some rhythmic songs, it can trigger children's happy emotions and can be popular with children. Children's English songs are characterized by repetitive sentences, simple and easy-to-understand language, concrete and perceptible images, full of action, and conform to the physical and psychological characteristics of children.

### **4. Modern Information Technology Assisting Children's English Listening Teaching**

Listening is an important part of language skills. The purpose of listening teaching is to enable students to provide information and understand information from language materials. Listening is the difficulty of English teaching. The application of modern information technology to English listening teaching is an inevitable trend of contemporary English teaching, and it is also a need for English listening teaching reform, which is in accordance with the law of English listening teaching. Practice has proved that using modern teaching media to improve English listening teaching not only solves the single problem of listening materials, but also improves the problems of simple and insufficient listening teaching methods. The changes in methods and teaching organization methods bring unlimited vigor and vitality to the optimization of English listening teaching.

Teachers should broaden English learning channels, promote the effective integration of informatization and listening teaching, enrich the teaching content of listening, use visual and auditory means, and especially use network resources to optimize listening teaching. Download a

simple English soundtrack animation film suitable for children's English level, make use of the advantages of audio and video in films audiovisual teaching methods, so that the combination of sound and image, language and plot, create a strong impact for children visual and hearing power, seeing images, movements, postures and expressions, and hearing pure voices. The widespread popularity of electronic products has created conditions for autonomous English learning. Computers, mobile phones, tablets, repeaters, MP3, MP4, and electronic dictionaries have become important learning aids for children. Teachers should make full use of modern learning tools, introduce online English learning resources to young children, encourage young children to develop good learning habits, learn at their own speed and ability, and be exposed to a variety of English listening learning materials.

## **5. Modern Information Technology Assisting Children's English Spoken Teaching**

Language is a communication tool. Spoken language is the most common method of communication. Spoken English is very important. Spoken language can help students to enrich their vocabulary, put the vocabulary in sentences, and connect the context for easy memory. Spoken language can promote listening and thinking, play text recordings, and evoke perception and imagination. Spoken language training helps to improve expression skills, pay attention to pronunciation and intonation, boldly imitate, correct mouth and tongue position in time, and speak standard English. Spoken language training helps to develop a sense of language, mobilize various senses such as hearing and vision, and through the contact with language materials, constantly accumulate language knowledge, experience intonation and tone, and cultivate language perception.

Children's spoken language emphasizes three aspects: first, pay attention to voice, and voice is the basis of spoken language. Teachers should be good at using their brains, not to let children memorize, but to associate the letter combination with voice. The second is that paying attention to grammar is not a complicated knowledge that most English learners have a headache, but a basic rule of language. The third is to despise semantics, use physical teaching aids or slides, and use physical movements when teaching verbs. Teachers should encourage young children to use modern information technology for oral communication, and apply the learned words and grammar to actual communication. The use of online communication mode can be between children, between children and teachers, or between children and elders, can cross the constraints of time and space, enhance the opportunities for children to communicate in English. Carry out autonomous speaking exercises for children, use multimedia and network resources to create realistic and graphic learning materials for children, use video dubbing materials in popular animations, upload after editing, and mobilize children's enthusiasm and initiative in learning English. Guide parents to use their spare time to play some English children's programs at home and practice oral expression while entertaining.

## **6. Modern Information Technology Assisting Children's English Reading Teaching**

Reading is essentially a constructive process, the result of the combined action of the author, the text and the reader. Reading is not to accurately recognize words or to read word by word, but to understand the meaning of text. The focus of early children English reading activities is not to recognize words or sentences, but to build your own meaning with the help of pictures and existing concepts in the process of reading or listening to stories, and constantly make predictions, information choices, and self-amend and confirm to make the texts fluent before and after, establish awareness of books, text functions, and stories, stimulate children's interest in reading, develop good reading habits, and develop certain reading abilities.

Teachers collect video and text materials related to reading content, insert different network resources according to different links, and broaden children's horizons. Before reading teaching, teachers should carefully design all teaching links, make full use of information technology, and expand children's thinking. With the development of information technology, the application of the new interactive electronic whiteboard has been popularized. It integrates the existing teaching

media and traditional teaching tools. It completes the functions of writing, drawing, annotating and media switching through the induction pen, and seamlessly integrates with reading teaching. It improves the children's participation in the classroom, maximizes the children's main role, and makes the English reading class alive. The limited knowledge contained in the textbooks can no longer meet the growing language needs of modern society. Teachers can use the Internet resources to dig into picture book resources, use the teaching method of picture book reading, and use multimedia information technology as an aid to effectively improve children's English reading. Efficiency, so that children's critical reading thinking and reading habits gradually develop in long-term training.

## **7. Modern Information Technology Assisting Children's English Writing Teaching**

Writing requires comprehensive use of English skills such as word spelling, word collocation, grammar, word-sentence-making, grasping essentials, and plot layout, which largely reflect a person's English level. International exchanges and cooperation are getting closer and closer. People often use English to communicate through MSN, E-mail, Blog and other online communication methods. All walks of life in society need a large number of talents who can communicate in written English. English writing ability development is a very important teaching content. Through writing, you can consolidate the knowledge you have learned and comprehensively improve your English skills. English writing teaching emphasizes the training of students' writing skills. It requires mastering writing skills, clarifying the intention of the article, preparing sufficient arguments, reasoning, and ensuring the integrity of the text structure and fluent language expression.

Use multimedia software to create courseware, stimulating children's desire to communicate and communicate with words. With the support of online communication tools, online communication between teachers and young children, or between young children and young children, and the way of speaking in words is also a process of training writing skills. Teachers can build a model library to provide a large number of writing models, and children can choose references based on their ability level and interest to stimulate the language acquisition mechanism in the brain. Children complete writing on the computer, which is convenient for querying word and grammar knowledge, so that the expression of thinking can be carried out smoothly. The editing tool automatically checks spelling errors of words, facilitates the movement, deletion, and copying of words, so that children can write boldly, modify the composition, and increase their enthusiasm for writing. Writing is a comprehensive application of language knowledge. Teachers can build a library of basic language practice exercises, and children can practice targeted exercises as needed.

## **8. Modern Information Technology Assisting Children's English Translation Teaching**

International exchanges are becoming more frequent, and the practical and instrumental functions of English are becoming more and more prominent. Translation is also a kind of language behavior with communicative ability. Effective translation teaching is conducive to improving students' comprehensive ability to use English. The translation process is to conduct semantic and grammatical analysis, find out the corresponding structure of the target language, and reorganize the sentences according to the semantic and grammatical rules of the target language to sort out the text. Translation is a complex cognitive phenomenon that requires correct understanding of the original text and creative use of another language, involving cultural background knowledge. Teaching translation is a teaching method with lower requirements for translation. The purpose is to improve language skills and lay a solid foundation for communicative competence. English words cognition ability of children is weak, and English translation is suitable for teaching translation.

The main form of teaching translation: translate the first vocabulary into the mother tongue to help children understand; word for word translation, used to explain the grammar rules; around the text to carry out translation exercises. Teaching translation assists young children to lay a solid foundation of language ability, and takes accuracy as the criterion to carry out language translation

around the content. To enable children to master core vocabulary recognition, basic understanding of sentence meaning, cultivate language sense, enhance learning interest and self-confidence. In the course of English translation teaching, try to translate the fragments in English movies, or play English reports related to current affairs to let children try to interpret. Informatization technology has powerful data collection and compilation capabilities and has become an important carrier for storing data. English teachers can use online cloud technology to upload translated content to the network disk, break the time and space restrictions, make up for the lack of classroom time, and allow children to learn translation in the classroom.

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