

## Based on Multimedia Technology to Explore the Interest of Children Reading Picture Books

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**Abstract:** The picture book is the reading carrier closest to the characteristics of children's cognitive development. The language is concise and vivid, and the painting is exquisite and beautiful, which is helpful for the development of children's observation ability, language expression ability and creativity. Nowadays, picture book reading has become a common teaching activity in kindergarten activities. However, due to the limitation of conditions, it is impossible for children to read with one hand, and the picture of the picture book is still, which makes it difficult for children to concentrate when reading. Based on multimedia technology, this paper discusses how to enhance the interest of children's reading picture books. By using animation, sound effects and interactive elements, multimedia technology can transform static picture book content into dynamic and colorful audio-visual experience. This innovative way of education can not only attract children's interest, improve their reading enthusiasm, but also promote the development of children's imagination and creativity. The results show that the picture book reading method combined with multimedia technology has a significant effect on improving children's reading ability, language expression ability and cognitive development. Therefore, early childhood educators should actively explore more applications of multimedia technology in picture book reading, and provide better reading experience for children in innovative education methods.

**Keywords:** Multimedia Technology; Picture Book Reading; Interest; Children

### 1. Introduction

The "3-6 Years Old Children's Learning and Development Guide" clearly states : "Providing rich and appropriate young

children's reading materials, often reading books and telling stories with young children, is conducive to enriching their language expression ability, cultivating good reading interests and habits, and further expanding their learning experience <sup>[1-4]</sup>. As a reading carrier that conforms to the level of children's cognitive development, picture books use vivid pictures to show rich plot content <sup>[5-7]</sup>. Traditional picture books are usually based on words and pictures. The content is relatively simple and lacks the use of multimedia technology. It is difficult to attract children's interests. Multimedia technology is to display the teaching content of picture books in the form of animation, combined with language, text and other means, so that abstract emotions become concrete. The tone expression of the image turns the static character image into a dynamic character action, thus creating a beautiful and natural learning situation, so that children are very willing and active to participate in picture book reading <sup>[8-10]</sup>.

With the progress of science and technology, the application of multimedia technology in early childhood education is becoming more and more extensive. In picture book reading, the use of multimedia technology, such as animation, sound effects, interactive games, etc., can greatly enhance the interest of reading and stimulate children's interest in reading. Compared with traditional paper picture books, multimedia picture books provide a richer audio-visual experience, make the story more vivid, and help children understand and remember. At the same time, interactive reading can cultivate children's active exploration spirit and improve their thinking activity. However, it should be noted that multimedia technology is only an auxiliary means, which should be used appropriately to avoid excessive dependence. Only by combining traditional reading methods can we better play its educational value and promote the all-round development of children.

## 2. Based on Multimedia Technology to Explore the Interest of Children Reading Picture Books

### 2.1 Exciting Interest with 'Shape'

'Shape' is graphics, shape, shape. In the teaching of picture books, we often cultivate children's observation ability, thinking judgment ability and creative imagination by observing beautiful pictures and diagrams. How to use multimedia to make children have a more in-depth observation of the pictures and shapes in the picture books, and then generate interest. Next, I will take the picture book 'Artin's bedwetting' as an example.

Bedwetting is a very embarrassing thing. Sometimes it is because it is uncontrollable, and sometimes it is because it does not develop the habit of drinking less water before bed and going to the toilet. In the story of 'Adin's bed-wetting', it tells that Adin feels aggrieved, sad and even scared because his mother complains about bed-wetting, so he has the psychology of making himself smaller and hiding. The story uses exaggerated and interesting techniques to make Artin a 'little man', imagining his own hiding in the living room, study, empty bottles and clothes... But did not expect his mother not only did not blame him, but prepared a delicious breakfast for him, said the heartfelt tell some ways to avoid bed-wetting.

In the learning activities, I and young children to carry out the 'Fire Eye Golden Eye' game, together to find the traces of Artin. When I through the physical projector, will hide into the corner to become very small Artin slowly enlarged, enlarged and then enlarged, we are as happy as the discovery of the new continent screamed, Artin there! Aldin is there! Then Artin became smaller, smaller, and changed back to the original under the action of projection. The children's eyes were staring at the picture of the book, afraid that Artin would run away.

Through such a simple 'big and small' morphological change, the hearts of young children have been completely attracted by the interesting Artin. By using the physical projector, I have successfully focused the children's attention and effectively aroused the children's interest in independent reading. In the next teaching process, I accidentally found that the children's observation ability was

indeed obtained. Many places I thought they could not find, the children can find them very well, and some of the small parts of each picture, they are also very interested. Like a small insect in the corner of the book, we will argue about what it is; the clothes hanging in the picture they will guess who is wearing it; seeing Artin eating breakfast will also remind him of his favorite breakfast. A small projector, not only successfully seized the children's eye, but also let the children play out the infinite imagination and reading autonomy.

### 2.2 Exciting Interest with 'Sound'

The core of picture book teaching is to guide children to read and observe. Simply put, it is to see with your eyes. From the cover to the title page to the first page... There are many value points that we need to read carefully. However, when children observe one detail after another and think about one problem after another, they will inevitably have visual fatigue, then distract their attention, and even refuse to observe. In this case, we can also effectively use multimedia to arouse children's interest in learning.

Such as the picture book 'Uncle Wolf's stew chicken', through the cover we have known the title of the book, the author, learned that Uncle Wolf is a cook, will do a lot of delicious things. One day when Uncle Wolf saw a fat and strong hen, he had a bad idea in his heart. With the deepening of the story, when Uncle Wolf holds a portion of delicious food to the hen's home, what is Uncle Wolf's mind thinking? What will you say? Let's listen to it! Using an ordinary recorder to play a pre-prepared recording, the child's auditory organs are also fully mobilized. The original wolf uncle is to let the hens eat more things, grow fat and big, so that they can eat more delicious stewed chicken ah! The wise child has long guessed the ghost idea of Uncle Wolf, and the child blindfolded in the drum has a sudden sense of enlightenment. They compete to imitate the words of Uncle Wolf, and the words reveal the cunning, proud and eager psychology of Uncle Wolf. Suddenly make our picture book teaching more vivid and interesting. In the context of audio-visual combination, it can not only make the learning atmosphere easier and more pleasant, but also mobilize the enthusiasm of children's learning again.

### 2.3 Exciting Interest with 'Color'

'Color' is color. Color is the bait to attract the attention of the eyes. The design of multimedia courseware belongs to a kind of plane effect design, which can attract the attention of children because of the impact of color. Most of the picture books have the characteristics of bright colors and rich colors, which is exactly in line with the appreciation level and reading interest of preschool children. How to effectively use multimedia to highlight 'color' to stimulate children's interest in reading? When do you need to use multimedia 'color'?

In the teaching activities of the small class picture book "Color Bird". I also try to use the role of multimedia to help children feel the change of color and understand the effect of color mixing. The story of 'color-changed bird' tells the story of a white bird eating red fruit and growing red feathers. Eat blue fruit grow blue feathers; after eating yellow fruit, it grows yellow feathers. Not only that, it also grows green feathers, orange feathers and purple feathers, becoming a colored bird. Why? When the story is told, the children have been full of doubts. Let's invite the 'color magician' to tell you the answer. In the multimedia courseware, I made a funny and lovely 'color magician'. As soon as the colorful and vivid magician appeared, it immediately caused a sudden 'uproar' among the children. Immediately, the magic wand in the magician's hand was gently waved, and the three color babies of red, yellow and blue appeared in front of the children's eyes, and then gently waved. As the three color babies slowly drew close, the effect of mixing colors gradually appeared, and the children could no longer sit up. Change! Who is with whom? What color has it become? Through the intuitive demonstration of multimedia courseware, children naturally understand the knowledge points of red and blue turning green, yellow and blue turning purple, red and yellow turning orange.

Children in kindergarten like pure color, such as red, yellow, blue, green and so on. Color also affects children's emotions. The bright color environment will make the children's mood become happy and cheerful, so the learning ability and learning interest will also increase. Through the magic of 'color magician', children not only pay more attention to the next plot of the story, but also

remember the change of the color bird, which is the surprise brought to me by multimedia.

### 2.4 Exciting Interest with 'Moving'

Another major feature of multimedia is that it can change static into dynamic, static into motion. This is undoubtedly more attractive for young children who are still in the stage of specific image thinking. The effective use of multimedia in picture book teaching can also help children quickly and effectively understand the content of picture books and stimulate children's desire for language expression.

Take the picture book 'Hungry Caterpillar' as an example. Caterpillars eat different fruits every day for seven days a week, and the number is increasing layer by layer. The longer and bigger the caterpillars are, the longer and fatter they are. It should be said that such a storyline can be understood by children. However, with the same sentence structure and similar picture content, children may not be able to focus on reading and observing every time. In teaching, I take into account the small class children focus on the time period, easy to distract the characteristics of the use of multimedia courseware to produce a dynamic caterpillar to seize their hearts. When the children see the caterpillar crawling slowly, 'aww aww' stuttering fruit funny look, naive and lovely they were suddenly attracted, very natural to follow the imitation of learning, the classroom immediately boiled up. The outline points out that teachers should create a free and relaxed language environment for children, support, encourage and attract children to talk with teachers, peers or others, and experience the fun of language communication. See this scene, I take advantage of the hot iron, continue to play the courseware, 'to later caterpillars eat too much things become very uncomfortable, and finally eat a piece of green leaves suddenly become very comfortable this expression changes presented to young children. What's wrong with caterpillars? Through simple questions and vivid multimedia screens.

Using multimedia to stimulate children's interest in picture book reading as a teaching method, its purpose is to serve the teaching purpose, but it is not the only, nor is it inevitable. Teachers should be good at analyzing picture books, make rational use of

different teaching methods, fully mobilize children's interest in reading picture books, and improve children's observation ability and language expression ability. The widespread use of multimedia teaching technology shows great advantages in picture book teaching and makes up for the disadvantages of traditional teaching. As a teacher, we should make effective use of modern teaching equipment, make effective use of multimedia information technology, optimize the education process and improve the effectiveness of education.

### 3. Conclusions

In a word, the effective infiltration of multimedia brings mysterious color and vivid interpretation to the teaching activities of picture books, promotes the effectiveness and interest of 'teaching' in the process of teachers' educational activities, improves the enthusiasm and initiative of children's 'learning', makes the classroom content more abundant, the form more diverse, and effectively improves the classroom teaching effect. Therefore, it is suggested that early childhood educators should actively introduce multimedia technology to assist teaching in reading teaching, so as to improve children's reading interest and ability. At the same time, it is necessary to further study and explore the other application value of multimedia technology in early childhood education.

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