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Analysis of the Role of Children's Pop-up Books in Enhancing Reading Interest

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Abstract

With the continuous development of society, the forms of children reading books are becoming increasingly diverse, among which various "three-dimensional books" are more eye-catching. Children's pop-up books offer a unique cognitive space and display platform for children, characterized by features like structure, color, texture, and function, providing them with a fresh visual experience. At the same time, this novel and interesting reading method can stimulate children's interest in understanding things, cultivate their hands-on ability, develop their intellectual potential, and improve their thinking ability and creativity. It can be seen that children's pop-up books play an irreplaceable role in enhancing their reading interest. This article focuses on children's pop-up books as the main research subject. It begins by summarizing the basic concepts and current development status of children's pop-up books. Next, it elaborates on the fundamental characteristics and various types of children's pop-up books. The article then delves into exploring the role of children's pop-up books in enhancing reading interest. Finally, it suggests strategies for maximizing the utilization of children's pop-up books.

Keywords

Children's pop-up book, characteristics, reading interest, effect

Introduction

Pop-up books belong to very novel books, which subvert traditional paper flat books. They have the characteristics of pop-up books, multifunctional, and strong interactivity, and can quickly stimulate children's desire for exploration and knowledge. It has been popular for a century, and can intuitively and stereoscopically help children understand things and acquire knowledge. Based on the basic concepts, characteristics, and main forms of children's pop-up book books, it is believed that children's pop-up book books have the advantages of both toys and books. In terms of children's creativity, it has developed characteristics such as imagination, challenge, curiosity, and adventure. The design of children's pop-up book books should be based on the characteristics of children's development, to enhance children's visual experience and effectively stimulate their imagination and creativity with different pop-up book structures and diverse interactive designs, in order to make children more interested in reading (Xu Mengling et al., 2020).

1. The Basic Concepts and Forms of Children's pop-up book

The term 'three-dimensional' comes from the English pop-up and up, meaning an object or place with certain characteristics such as height, angle, shape, and proportion, which can be used to describe the structure or form of things and give them specific meanings. In real life, the main target of pop-up book books is children, so they are also known as children's pop-up books. Cubic books are the most distinctive and vibrant form of book design, also known as

artistic toys (Jiang Jingjing, 2017). The pop-up book design emphasizes the perfect combination of painting techniques and material use, making reading more interesting and meeting parents' needs for educational children's book products. The core of pop-up book design is to use the tension and movement of paper, breakthrough spatial limitations, create a multi-dimensional depth of field, or place mechanisms on the pages of the book to create virtual and realistic motion effects. The children's pop-up book collection combines unique structures, bright colors, and diverse shapes, creating a rich and diverse world on one plane. Generate great interest in children, reading knowledge, and expanding their horizons with joy.

The format of children's pop-up books is as follows:

Flipping through a book: Paper-making changes mainly focus on flat surfaces, including folding, spreading, or pagination. The foldable pattern that can unfold the story screen attracts children's attention.

Cave Book: Based on the psychological and physiological characteristics of children, special techniques such as safe and popular children's books are used to drill holes one by one. From the small hole, you can see the section at the bottom of the page, guiding children to guess the whole from the local area. It is very helpful for inspiring children's imagination and developing thinking abilities, and can also help children develop hand muscles and peripheral nerves.

Light and Shadow Book: Mainly using hollowed-out paper art to depict fairy tale scenes, projection reading can be used to place a book in the light, and the hollowed-out design of the book partially presents a light and shadow effect. As the pages continue to unfold, each plot of the story can be vividly portrayed under the illumination of light, allowing young readers to focus their attention on the hollowing out and the interesting shapes and changes in light and shadow that arise from it. Exquisite wisp design brings a visual feast of light and shadow to young readers; The delicate painting style allows children to find the beauty of details in the picture, opening up their multi-dimensional reading abilities.

Amazing 3D Book: By setting the jumping effect, cardboard and cardboard form a wonderful connection. When combined, there is a 3D effect. With a flip and bounce, the 3D small mechanism restores the scene in the book, bringing children's fun and wisdom into the inner world of children.

Comprehensive form pop-up book: It is not limited to a single material or a single method of pop-up book structural design, but is a multi-directional structural design form. By using comprehensive materials such as cloth, embroidery, synthetic holes, paper dolls, pop-up book perspective, and other means, some even have sound and odor effects, paying more attention to the comprehensive feeling of the five senses, inspiring children's imagination and creativity.

2. The Basic Characteristics of Children's pop-up book

2.1 Children's pop-up book books have fun and playful characteristics

The gameplay feature is an important attribute of pop-up book books that are attractive to children. The gameplay of pop-up book books is reflected in the emphasis on exploring the potential gameplay of books, making children feel relaxed and happy when reading. The so-called interest refers to the attribute of pleasing the mind, finding it interesting, and being able to stimulate interest. pop-up books are more interesting than regular books. Due to the characteristics of participation and gameplay in interactive design, it can bring different fun experiences to children.

2.2 Children's pop-up book books have diverse forms

Children's pop-up book books use movement elements such as folding, stretching, and flipping, which can hide a lot of information content on the same page. The content description is more intuitive and vivid, and the book content is more abundant, leaving a deeper impression on readers when read. The pop-up book page can form a 360 ° expansion, allowing readers to read from different perspectives, and the attractiveness of the book to readers has been significantly improved (Zhou Yinghao, 2022). In addition, pop-up book books, with their unique structure and pattern, can achieve the integration of images, text, and movement, enhance the interaction between books and readers, and comprehensively meet the diverse reading needs of readers.

3. Basic content of children's pop-up books

3.1 Storytelling children's pop-up books

The story pop-up book emphasizes the control of rhythm, typesetting of words, and refining the essence of the original

long story by using the law of the beauty of painting form while retaining the continuity and interest of the original story content. It has the characteristics of repetition, rhythm, and rhyme, which is conducive to the establishment of children's early language awareness, tense awareness, and other concepts. The repetition of rhythm provides convenience for the cultivation of children's language ability, which is beneficial for cultivating children's early reading ability and promoting the improvement of children's aesthetic and artistic literacy.

3.2 Popular science children's pop-up books

Popular science pop-up books have the characteristics of gameplay, storytelling, humor, experimentation, fun, and artistry. Among them, children's pop-up books are commonly used in natural and social sciences, and they supplement and explain difficult and difficult scientific knowledge in a pop-up book way, which helps children learn knowledge more intuitively. Truthfulness, accuracy, simplicity, and clear organization are the biggest characteristics of children's science popularization pop-up book books. Pictures and mechanism content serve as explanations and explanations. Whether it is realistic visuals, sectional visuals, or decomposed visuals, they are all conducive to stimulating children's reading interest.

4. The role of children's pop-up books in enhancing reading interest

4.1 Can better meet the various sensory needs of children

Children's pop-up book books pay more attention to interaction with children, and pop-up book books convey the unique reading beauty of books. By flipping through pop-up book books, children's visual, tactile, and taste senses will be mobilized, and their olfactory and auditory senses will be comprehensively perceived and explored, resulting in good stimulation and full development of their five senses (Wang Ziqi, 2019). Visually, the rich colors and irregular structural shapes of pop-up book books provide children with a strong sense of spatial beauty, creating a visual enjoyment that combines motion and stillness, thereby enhancing their interest in reading and creating more opportunities for them to think, comprehend, imagine, and express; In terms of tactile perception, children's pop-up book books are composed of different materials. When children flip through them, they can experience different tactile sensations, thereby increasing the pleasure of reading; In terms of taste, it is the emotional experience of children towards the content of books, and as materialized pop-up book books, they demonstrate profound cultural heritage and concepts; In terms of smell and hearing, when flipping through pop-up book, there will be the aroma of printed books and the collision sound of paper, which can bring children a beautiful experience and make them more interested in reading pop-up book.

4.2 It is beneficial for improving the relationship between children and books

As is well known, most books convey information in a single written form, which cannot meet the growing spiritual needs of children, leading to children's resistance to reading. And pop-up books combine different materials to form a multi-level and varied spatial form, allowing children's readers and books to become the relationship between users and tools, entertainers and toys. Pop-up book enhance communication and communication with children, giving static visual elements a sense of dynamism, which can better stimulate children's auditory nerves, stimulate their interest in books, and make them more engaged in reading.

4.3 Helping to better stimulate children's reading motivation

Reading motivation is a crucial factor in driving reading behavior and cultivating reading interest. Encouraging children to read a good book, whether influenced by the external environment or their own internal needs, will have a significant driving effect. Motivation drives behavior and expresses various emotions through it, as does reading. Traditional books have a large amount of text, which can easily lead to visual limitations. Children are limited to a fixed reading order, and passive reception methods make it difficult to stimulate reading enthusiasm. In children's pop-up book reading, the organic integration of the text content of pop-up book publications and pop-up book shapes has brought about a huge transformation in children's reading behavior. By reading pop-up books, children can move in the direction of the stories in the books and enhance their reading satisfaction through subtle interactions with various mechanisms. The design form that leaps onto paper, combined with simplified text, can effectively create a sense of freshness and fun for children.

4.4 It is conducive to stimulating deep reading

Compared to traditional paper books, pop-up book books use a large amount of paper to present the pop-up book structure, resulting in a significant reduction in the amount of text. By simplifying the amount of text and combining it with pop-up book forms, they bring a refreshing visual shock to children. Whether children or adult readers, exquisite pop-up book forms can exert their imagination space to varying degrees, thereby affecting and even redefining reading. For example, many children's interest in reading the original work is stimulated by watching the pop-up book "Da Nao Tian Gong". When children read pop-up books, due to the interactive experience of multiple senses, they will fully immerse themselves in reading, stimulate their concentration, participation, and interest points, truly achieve the goal of combining education with entertainment, and lay the foundation for future reading of print books.

From previous paper books, newspapers, and magazines to the emergence of digital publishing, the traditional mode of paper reading has gradually been replaced by electronic reading mode. After the rapid popularization of the Internet, technological changes are increasingly flooding people's lives. However, children's books are a major force that cannot be underestimated in the publication market, and they still have a considerable position and value among paper books. For children whose psychological and intellectual development is not yet mature, the clever design of the pop-up book structure, from passive acceptance to active participation in the storyline and driving factors in the book, will stimulate children's reading attention, starting from their curiosity, and then developing their active reading behavior. Moreover, the simplified text volume of pop-up books cannot compare with traditional books, and although the storyline is relatively comprehensive, it lacks detailed descriptions. At this point, pop-up books become a bridge and medium that connects reading and interest. When flipping through pop-up books increases reading enthusiasm, it will stimulate children's desire for further reading.

5. How to reasonably utilize children's pop-up books

5.1 Correct selection of pop-up book books with different materials

Children's pop-up books should be made of soft materials to prevent sharp parts from damaging children and making them difficult to tear after repeated reading. It is also important to avoid using too heavy materials. There are two main types of material elements: one is to use process processing to make the same paper into different texture textures; Another type is the application of different materials, such as using the splicing of paper and plastic materials, interactive use of different materials, enriching images, the matte texture of paper materials and the reflective properties of plastic materials, enriching the layers of the book itself, and so on. When choosing other materials, materials with low reflectivity can reduce direct irritation to children's eyeballs, thus effectively preventing visual fatigue. You can also choose pop-up book books made of cotton, linen, cloth, and other materials because they are more hygienic and durable, and can help children distinguish different materials at close range. Choosing composite pop-up book books can not only protect children's eyes but also stimulate their senses and curiosity through touch, thus attracting children to explore and read.

5.2 Focus on cultivating children's habit of caring for books

The production cost of children's pop-up book books is relatively high, the production cycle is long, and the production process is extremely complex. This also leads to the expensive price of these books, which is often several hundred yuan. Therefore, teachers should actively cultivate a general awareness of children's care for books, and as teachers, they should guide children to cultivate reading habits better without criticism. In the early stages of school age, reading is mainly used to cultivate children's interest in learning, while paying close attention to the problem of reading habits during the reading process. Early school age belongs to the basic stage, and cultivating good reading habits can better develop their reading ability.

5.3 Select different pop-up book books for children at different stages

Children's pop-up book books are composed of storytelling children's pop-up book books and science popularization children's pop-up book books, with each age group having its own characteristics and needs. Parents should choose appropriate children's pop-up book books based on their age characteristics and psychological needs so that they not only conform to the children's physiological development laws but also benefit the improvement of their cognitive abilities. For younger children, story-oriented children's books can be chosen, while for older children, popular

science-oriented children's books can be chosen to enrich the content of children's books (Zhou Yimin et al., 2020). By making such a reasonable choice, not only can children enjoy reading more happily, but also cultivate their good psychological qualities and exploratory spirit.

6. Conclusion

In summary, children's pop-up books are highly artistic, interesting, and creative. Interesting situations, unique forms, novel interactions, comfortable shapes, materials, and colors can evoke emotional resonance in children, gradually developing their reading interests and providing emotional satisfaction during the cognitive process. Children of various ages, genders, personalities, and interests can select appropriate pop-up books tailored to their individual circumstances. This selection aims to spark their interest in reading and facilitate the development of intelligence, expansion of knowledge, and enhancement of critical thinking skills.

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