

# Research on the Application of Regional Cultural Elements in Kindergarten Interior Design

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**Abstract:** Local and folk things always exude its unique charm. Kindergarten art environment design is committed to creating a growing environment where children can learn, live and play. The overall environment design is completed by designers. The indoor environment of kindergarten is the main component of children's activities. It plays an important role in life, study and games. Rich inspiring and guiding environment can attract children and stimulate their thoughts, imagination and creativity, so that children can become masters of the environment. Therefore, this paper systematically analyzes the significance, problems and countermeasures of the application of regional cultural elements in kindergarten interior design, and puts forward specific practical strategies in order to effectively promote the improvement of kindergarten interior design effect.

## 1. Introduction

The average age of children in kindergarten is 3-6 years old, which is in the early stage of the formation of children's cognition. Most of children's cognition of things is obtained through the subtle influence of environmental image[1]. The design of kindergarten environment has a great influence on children's physical and mental development. In kindergarten, children not only get a place for activities, but also a space for learning, communication and cooperation, so every detail of the design will exert a subtle influence on children's consciousness and behavior.

China has a vast territory, diverse nationalities and a long history, and different regions have unique regional cultures, which is a precious inheritance of the splendid history of the Chinese nation[2]. Different regions have different cultures, including historical changes, customs, aesthetic concepts and many other contents. The unique regional culture is an important inspiration source and reference object for interior designers. Therefore, this paper systematically analyzes the significance, problems and countermeasures of the application of regional cultural elements in kindergarten interior design, and puts forward specific practical strategies in order to effectively promote the improvement of kindergarten interior design effect.

## 2. Interpretation of Regional Cultural Connotation

Culture is a historical phenomenon, and every society has its own culture, which develops with the development of social material production. Culture, as an ideology, is a reflection of a certain society's politics and economy, and it also exerts great influence and influence on the politics and economy of a certain society. Culture is regional, and a city grows in a specific region, or is nurtured by different regional cultures[3]. To sum up, the so-called regional culture refers to the unique, unchangeable and unchangeable influences on local or foreign cultures under certain regional conditions, such as oceans, mountains, rivers, climate characteristics and even unique humanistic spirit, or all or cross-produced. With the accumulation of local culture, it also plays a certain role in the creation and composition of new forms.

The origin of regional culture was influenced by the underdeveloped traffic and inconvenient

communication between different regions in the past, and the initial regional culture was simple. It directly reflects the local people's understanding and actions of their environment. Regional culture is also contemporary. Everything can't be consistent in time change of space. This is especially true for regional cultures with complex contents. The geographical environment itself will change with time, and people will also improve their own understanding in the process of development. Cultural expression reflects people's views and ways of doing things. The essence of a region is a cultural form that has the characteristics of regional tradition and conforms to the current regional conditions and people's existing way of life and production. It should be characterized by cultural awareness, aesthetics and technology.

In the information age, the cultural exchanges between various countries and regions are getting closer and closer, which means that the local traditional culture will be influenced by foreign cultures. In the field of architecture and interior design, this influence may lead to design convergence. Therefore, the reasonable introduction of regional cultural characteristics in interior design can make the overall interior design look brand new and make the overall interior design more meaningful[4-5].

### 3. Impact on Environmental Children

#### 3.1 Color Environment

As an external stimulus, color is an important element of the world and the most influential factor on people's vision. It has a great influence on children's mental health and personality development. Harmonious colors give people enjoyment of beauty, while inappropriate colors, like noise, make people feel bored and confused. The influence of color on children's psychological characteristics is everywhere. Different colors have different effects on people's psychology, and the color environment can also influence people's emotions and behaviors to a certain extent[6].

Color is a comprehensive phenomenon involving light, objects and vision. Light is the condition of perception, and color is the result of perception. Visible light is projected on the object, reflected to stimulate people's eyes, and transmitted to the brain through the optic nerve, forming color information of the object, that is, people's color perception (as shown in Figure 1).

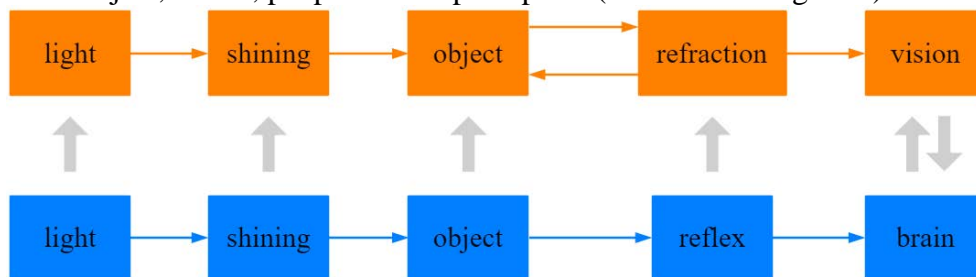


Fig.1 The Cognitive Process of People's Color

Color can directly reflect children's psychology and emotions. According to children's color feelings, try to provide children with a variety of colors, give them a kind of color stimulation, and stimulate children's association with colors. According to children's psychological characteristics and rational use of colors, the environment for children's life and study is constructed and decorated, and a colorful world suitable for their physical development is arranged for children. Make children have a bright and cheerful indoor color environment, and match a rich and healthy indoor color environment for children.

#### 3.2 Children's Aesthetic Standards

Children have a strong ability to feel the environment, and changes in the environment can promote children's active participation in learning. Therefore, changes in the environment can fully stimulate their interest in learning. Teachers can create a basic environment suitable for the age and interest orientation of children in this class according to certain theme content, and create an atmosphere full of childlike interest and imagination. For example, proper proportion, density, color

harmony, etc., attract children to see, think and speak[7]. In addition, the overall environment of the kindergarten needs careful planning and layout. A good kindergarten can be a model of beauty everywhere, so it is necessary to grasp the design as a whole and plan and design comprehensively.

### 3.3 Children's Perceptual Characteristics

The indoor environment of kindergarten is the main component of children's activities. It plays an important role in life, study and games. Rich inspiring and guiding environment can attract children and stimulate their thoughts, imagination and creativity, so that children can become masters of the environment. Therefore, the interior space design of kindergarten should start from the aspects of space, color and shape, and should follow the design principles of safety, spontaneous combustion, fun and health in kindergarten design.

Seeing with eyes is the most direct way for children to perceive the world around them, so visual perception plays an important role in the training of early childhood education[8-9]. Visual perception refers to the ability to analyze, observe and distinguish the visible light that reaches the eyes, including color vision, memory vision, spatial vision, visual attention and visual imagination. These abilities don't develop in a balanced way during people's growth, among which color vision and spatial perception are two abilities developed earlier, and early childhood is the key period for their development.

## 4. Application of Regional Cultural Elements in Kindergarten Interior Design

### 4.1 Color Extraction

The attribute of color itself varies with time, space and other factors, so space color can help people imagine the emotional connection with space. In different space situations, color has its own attribute patterns. In modern interior space design, the regional color extraction should express the regional tendency of interior space, and make rational use of representative regional colors to give people a sense of cultural belonging and identity. On the premise of fully considering the overall environmental color coordination, the indoor space is endowed with vigor and vitality by using uniform warm colors in combination with local regional colors, and a small amount of contrast color green is used to achieve the finishing touch.

Cognition is the best enlightenment for children to know the world. Every normal child's perception of the objective world is related to their life, and it starts with color. It is very important for children to be exposed to various colors from an early age, and to cultivate their color sense and color collocation. Through the experiment of children's color preference in different classes, it is found that children of different ages have differences in color preference (as shown in Figure 2), and their visual perception of color is also affected by age.

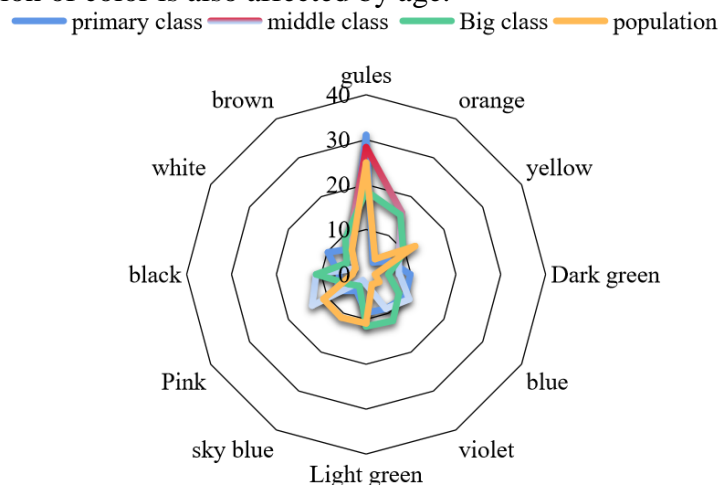


Fig.2 Percentage of Children with Color Preference

From the indoor and outdoor environmental color sampling of kindergarten, combining with

children's psychological characteristics and color preference, the environmental gene color is selected. Children's knowledge and preference for certain colors are based on their cognition of specific things. The blue sky, green trees and colorful flowers provide us with many wonderful colors. We extract color codes from the natural landscapes that children like, and obtain the required color data. The combination of soft egg white and soft white tea will show a serene, romantic, dreamy and fairy-tale atmosphere, which meets the emotional needs of children aged 3-4.

#### **4.2 Use Interior Furnishings to Express Themes**

Local and folk things always exude its unique charm. First of all, this style is highly marked, and its locality is very clear, which makes people have to think of local local customs and architectural features. Indoor furnishings are generally divided into functional furnishings and decorative furnishings. Decorative furnishings refer to furnishings that are mainly ornamental. Such as sculpture, calligraphy and painting, souvenirs, handicrafts, plants, etc. Indoor space has different styles. Such as classical style, modern style, China traditional style, country style, simple and generous style, luxurious and rich style, the reasonable choice of furnishings plays a strengthening role in the indoor environment style.

When designing the kindergarten environment, we should not only pay attention to the wall decoration, but also the stairs. As long as the design is reasonable, it will become a highlight of the kindergarten. Stairs will be set in kindergartens with more than two floors. When designing the kindergarten environment, we should not only pay attention to the wall decoration, but also the stairs. As long as the design is reasonable, it will become a highlight of the kindergarten. Stairs will be set in kindergartens with more than two floors. Music classrooms should choose sound-absorbing materials to reduce the impact on other activities. You can also decorate the wall with celebrity pictures or musical instrument murals, decorative sculptures, etc., which is convenient to create a better musical atmosphere and elegant environment.

#### **4.3 Appropriate Innovation to Promote Cultural Heritage**

Continuation of regional cultural design features does not invariably copy the design style and design features of regional culture directly into interior design. Selectively absorb and learn from the excellent design spirit and ideas, and carry out corresponding innovation on the basis of inheritance, so that the interior design can not only reflect the regional cultural characteristics but also have the flavor of the times, and fully meet people's requirements for interior design[10].

Culture needs to be inherited, and the process of inheriting culture in each era is an innovative process. The stereotyped traditional design style is inconsistent with the concept of the times of pursuing individuality and innovation, and also with the natural law of cultural inheritance and development. Therefore, when applying traditional culture in interior design, we should deeply understand the profound connotation of regional culture, and then combine the contemporary design concept and the aesthetic characteristics of people's art to make appropriate innovations to promote the prosperity and development of regional culture.

Every kindergarten has its own unique style, but from the perspective of display art design, it has practical features. Therefore, all aspects of design should be focused on ensuring the normal operation of kindergartens to meet the learning and activity needs of children. Some kindergartens are beautifully designed, and children's facilities are extremely rich. However, if they deviate from the practical characteristics and fail to take into account the physical and mental development of children, the design will lose its function and significance. Reasonable functional layout and the choice of sanitary ware and other facilities directly affect children's behavior and habits, and play an important guiding role in cultivating children's active learning habits. The design of partition board (partition wall) is not only interesting in shape, but also convenient for children to use and teachers to observe.

People's lives are summed up into various cultural connotations, which are symbolized and expressed by different objects. Such symbols are present in our lives all the time, connecting and reflecting our lifestyles and thoughts. It is also with the help of various symbols that designers evoke people's responses to reflect cultural implications. In the application of interior design of

regional culture, in the theme thinking, we emphasize and attach importance to the place implication from the region, so that the form of space and the direction of use and development can meet the requirements of regional reality. Think of space design as telling a novel or story, and focus more on the planning of the main idea.

## 5. Conclusions

The origin of regional culture was influenced by the underdeveloped traffic and inconvenient communication between different regions in the past, and the initial regional culture was simple. The design of kindergarten environment has a great influence on children's physical and mental development. In kindergarten, children not only get a place for activities, but also a space for learning, communication and cooperation, so every detail of the design will exert a subtle influence on children's consciousness and behavior. According to the principles of decoration design and interior design, this paper comprehensively integrates the indoor environment analysis of children's kindergartens. On this basis, it is pointed out that the indoor space environment of kindergarten has an impact on children's aesthetic ability. The interior design culture is rooted in regionalism and based on the times, which complement each other and provide nutrition for the development of interior design in different aspects. Because of the particularity of children's stage, their self-protection ability is still very poor, and they need a safe environment for their growth. The design of all kindergarten environment spaces should pay attention to safety.

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