

Discussion on the color design of kindergarten interior space

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Abstract: Kindergarten is mainly for 3-6 years old children to live and study in kindergarten, kindergarten bears the important responsibility of children's physical and mental health development. However, in the design of children's interior space, due to the influence of traditional education, many times always ignore children's psychological characteristics and psychological development needs, in such a case cannot give full play to the kindergarten education of children's work. Color in interior design, as the most direct visual element, plays a very obvious role in different Spaces and spatial functions. Because we do not fully realize the importance of color for children's growth, it leads to a variety of adverse to the growth of children. Therefore, this paper focuses on the application of color psychology in kindergarten interior space design research and analysis.

Keywords: Color psychology; Kindergarten space design; Color design.

1. Basic concept of color

1.1. Classification of color psychology

Color psychology is an important branch of psychology and a new subject. Color psychology mainly studies the influence of color on human psychology and behavior. Color is caused by the reflection of light on the surface of an object, which is the result of the combination of light, object and human eye. Hue is the most important characteristic of color, which can form various colors on the basis of the three primary colors. In psychology, color is classified into four primary colors, which are red, yellow, blue and green. In psychology, red, yellow, blue, green, black and white are the most basic colors for visual transmission.

1.2. Color Attributes

Hue, brightness and purity are the basic properties of color. Color also has psychological attributes, which are directly related to people's mental activities. Color psychology affects people's emotions, psychology, thought and memory through vision, and produces different reflections. Color psychology studies the different influences of different colors on individuals. Color affects people's psychological feelings in all aspects of life, bringing a sense of difference in time, weight, size and temperature. For example, the stronger the brightness of color, the stronger the sense of expansion, the weaker the sense of distance, the weaker the sense of eye weight; The higher the purity of the color, the stronger the excitement.

2. Color psychology and space color

Each child has a different perception and reflection of color, on the other hand, the color environment also affects the behavior and psychology of children, so the kindergarten space color environment design needs to fully consider the color psychology and other aspects. Space color has an impact on children's psychology in cold and warm tone, bright sense, sense of integrity and fun. The control of cold and warm colors in space color design can shape different space

environment temperature, such as high brightness has a cool feeling, whereas there is a warm feeling, color has a warm and lively feeling, etc. : light above and deep below the space color design brings people a sense of brightness. In People's Daily perception, if the sky is lower than the brightness of the earth, it will produce a sense of depression, the same is true in space design. Shallow above and deep below can create a peaceful and lively atmosphere, the top of the kindergarten space

Shed can use bright colors: kindergarten space jumping bright colors are conducive to stimulate children's brain vitality, however, if too much pursuit of colorful color decoration, this strong stimulation and mixed design lost the overall sense of space effect, children are easy to produce visual fatigue and psychological irritability: children's psychological activities are rich and colorful, Therefore, the color space design needs to take into account the interesting design in line with children's psychology. In the actual case design, the interaction between different color combinations can enhance the fun, such as the cute animal painting wall with color contrast.

3. The importance of kindergarten interior space design

Kindergarten is an important place for children to study and live, and the kindergarten interior color design is one of the important elements in the kindergarten environment design, is the main form of kindergarten beautification space, scientific interior color design is helpful to shape children's character, help to regulate children's emotions, emotions and mental health, but also help to cultivate children's good artistic potential and aesthetic taste development [1] t. In order to design an artistic atmosphere in line with the rules and characteristics of children's growth and kindergarten full of children's fun, in order to children can better and healthy learning and growth, to give children a healthy and happy learning and growth environment, we need to attach importance to the color design in the kindergarten space environment.

Compared with domestic kindergartens, foreign kindergartens in color design, generally only use bright colors to decorate the whole kindergarten, to add some highlights, and very like to use pure wood or plants such natural things to dress up the kindergarten, they generally use colors are soft and elegant color[2]. Or high reflection coefficient of white or light color system, these colors can make children calm, so that children feel relaxed, can better communication and thinking

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4. The important influence of color on children's physical and mental development and healthy development

Color has an important influence on the healthy development of children's body and mind, and can not be ignored in the design of kindergarten architectural environment. As children are in the early stage of cognitive development, the color of their environment has a very important impact on their future physical and mental development, especially on their personality. According to the survey, 3-4 years old children can basically identify the hue and brightness of the color, after entering the kindergarten, the sense of color will continue to improve, 6 years old can identify the basic color and express personal likes and dislikes. The visual symbol expressed by color can produce different feelings in the aspects of perception, that is, synesthesia effect. Gloomy color environment is not conducive to children's physical and mental development, depressing children's vitality leading to a certain degree of depression or delayed response, while bright color space can stimulate children's creativity and vitality. The combination of brightness, purity and hue change has obvious influence on children's psychology, so it is of great significance to design different spatial environment colors reasonably and construct spatial color rhythm sequence.

Because the color of the indoor bedroom furniture is very rich, the color of the bedroom wall is natural to simple, should avoid too much color change, too bright color or too fine collocation, otherwise easy to cause children emotional excitement and affect sleep; Teaching space wall should choose bright light beige, light pink and other lively warm colors, to stimulate children's brain activity, but should not use large areas of bright color so as not to over-stimulate children and affect the quality of learning.

4.1. The perception of color is different between children and adults

In terms of color cognition, there is a big difference between children and adults to maximize the landscape surface. At the same time, the dynamic and static zones are clear, the streamline is smooth, and each functional area is

connected with each other, but does not interfere with each other.

From the perspective of color psychology, bright and bright colors can make children produce warm, excited and excited emotions, but if a large area of high purity color or color types are too much, it is easy to produce clutter, fancy and other dissonance, cause children's visual fatigue. Especially the wall color of the rest space should choose light green, light blue and other cool colors with low brightness, which can give children a stable and refreshing feeling.

5. Kindergarten interior space design is scientific

5.1. The design of kindergarten indoor space should take into account children's growth rules and psychological characteristics

Kindergarten interior space design, the most important starting point is to meet the needs of children, on the basis of protecting children's growth, combined with the relevant standard documents issued by the Ministry of Education, the kindergarten interior space color design will put children in the first place. Combined with modern design technology and new education concept, the kindergarten interior space environment for scientific and effective planning and design. Mainly for the kindergarten interior environment design, so that its space environment can let children in the healthy growth, happy learning life [3]. At the same time, the aesthetic requirements to be achieved in the design of the kindergarten interior space not only come from parents' more emphasis on children's mental health. In addition, the relevant design must also take into account the daily life needs of children. It is a necessary condition for children to grow and learn in an environment. Therefore, the scientific design of kindergarten interior color is the primary condition for parents and children to recognize. In the decoration design of kindergarten, first of all, from the overall style positioning, at the same time for the color collocation should have a certain sense of art, in the soft outfit for the overall planning and design, and the decoration company's various decoration design has a considerable degree of consistency. At the same time in the design to have innovative design methods and design characteristics, need to fully consider the psychological characteristics of children, for example, children's learning environment in the design color should be cool, bedroom color should be warm, children like bright colors.

The scientific color design of kindergarten interior space should take full account of children's psychological characteristics and growth rules. In order to design a better learning and living space environment, the kindergarten indoor space should be based on bright colors, relaxed and pleasant. Children's thinking is lively, active behavior, so the kindergarten indoor color should meet the physical and psychological characteristics of children, on the one hand, the kindergarten color to highlight their own characteristics and strive to maximize the attention of children, at the same time this personality must be moderate, and coordinated with the surrounding environment, color should not be too messy.

In the interior space color design, we should avoid the use of various high brightness colors in a large area, but should try to choose fresh and elegant colors as the primary color, appropriate in the prominent construction and local changes with bright colors, as embellishment elements interspersed

among them, the formation of both coordinated and lively color effect, the maximum adaptation to the kindergarten building personality and characteristics.

The interface color of the kindergarten interior space is the background of all the facilities and children's activities in the kindergarten, mainly including the wall, the ground and the top surface three parts, the color design should be combined with the use of different interface functions and visual effects for the overall consideration.

6. Different space color to children's psychology, the brain cause different stimulation

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7. Conclusion

In general, the kindergarten indoor color scene should be rich and controlled, fresh and rhythmic color, in the creation of lively jumping for children at the same time, give full consideration to the overall beauty of the space; The indoor color scene of the kindergarten should also be varied and interesting. The kindergarten should actively seek colors and image modeling suitable for children's visual feelings, give the kindergarten space with creativity, so that children can obtain the greatest happiness and satisfaction in the fun situation constructed by indoor colors.

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