



# **An Effect of Color Quality of Areas of Educational Environment on Children Learning Improvement**

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## **Abstract**

Environment is very effective on mental states of children and can be efficient on forming the children's characteristics and behaviors. Educational environments are of such traits. On the other hand, color is one of the important components of children's educational environments. In the present study, a color quality of different areas of one educational environment included of class walls, manual tasks, paintings, yard walls and floor, desk, chairs, and playground was studied. Also, the amount of seven to eleven year old children's interest toward a class color was examined. A question that can be proposed is that can we improve children's learning through choosing suitable colors for different areas of children educational environments? In this study, an effect of color quality of different areas of an educational environment on children's learning was studied with a descriptive method. In this regard, first, information toward the effect of color quality on educational environments was extracted through library studies. Then, the studies done in this domain were analyzed and presented with graphs and tables. Next, a color component was studied through a questionnaire which was distributed among 120 children of Isfahan schools. These children were between seven to eleven years old and were both girls and boys. The results of the study showed that children of different ages and sexes chose different colors for different areas of an educational environment. These colors were blue, green, pink, and red. Also, based on the results, the most selected colors by children for different areas of an educational environment were blue, green, and red.

**Key words:** Children, Color, Educational Environment, Learning, Quality

## **Introduction**

One of the mental reactions of human beings is toward a color which is complicated like a puzzle. On the other hand, different kinds of subtle differences and an amazing power of color