

Suitability of The Interior Design Materials for The Child in Light of Digital Technology

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Abstract:

Childhood is considered one of the most important stages of life a person goes through and is the first imprint of a person in his life, a formative stage in which the basis of the individual's personality is formed and during which he acquires a set of habits, traditions and behaviors that qualify his compatibility with his natural and social environment, and where the experiences with which the child interacts at this stage It leads to crystallizing his abilities and talents and defining the main features he will have in the future.

Researchers and scholars in the fields of childhood have paid attention to children. To develop its capabilities, and not only that of educators; the field of interior design did not overlook it; He was concerned with meeting the needs of the child and developing his creative and innovative side through the good design of the spaces that the child uses.

And the child has an important role in the design process; Where we find that the child is a major user of the vacuum, and accordingly the behavior of the child is monitored when using the vacuum and then knowing the extent of his response to the design and this is done by setting up surveillance cameras and we analyze the child's behavior inside the vacuum, also the child contributes during the design process to test things that have been Its design is to know the suitability of the child, and to ensure its safety, as the child has a role as a provider of design data as the design is for the child, so the child is considered the main source for collecting the data and information required to make the appropriate design.

The materials of the interior design were affected by the modern digital technology in a big way, As smart materials and Nano_Technology materials appeared and the materials developed greatly in terms of flexibility and freedom in formation, which allowed the designer to freely and fluently design without adhering to certain materials and because the materials used in the interior design affect the users of the vacuum, especially the child had to From studying these materials and devising appropriate examples for the child to deal with, there are materials that may negatively affect the child and do not achieve safety elements for him, so the child may be harmed as these materials and inert materials must be characterized by durability, ease of maintenance and flexibility so that the child is not harmed when colliding with them.

Keywords:

Technology - Technique - The Digital Revolution – Smart Material– Nano Technology .