

Impact of the interactive environment using hologram technology on children's cognitive developmen

Prof. Ashraf Hussein Ibrahim

Professor, Department of Interior Design and Furniture - Faculty of Applied Arts -
Helwan University

ashrahus@yahoo.com

Prof. Asmaa Abd El-gawad El-Sebaay

Professor, Department of Interior Design and Furniture - Faculty of Applied Arts -
Helwan University

asmaelsebaey@hotmail.com

Assist. Lect. Alaa Magdy Said Abd El-Hameed

Assestant teacher, Department of Interior Design and Furniture - Faculty of Applied
Arts - Helwan University

alaamagdy2009@gmail.com

▪ **Abstract:** .

At present, Digital technology plays an important and essential role in the formation of the child's personality. Many modern interactive technologies have emerged that contribute to the development of mental and cognitive capabilities and develop their skills in various fields. Among those interactive technologies is "hologram technology" that contributes to providing an entertaining educational environment that works. To develop the cognitive and cognitive development of the child in a simple way that attracts his attention and makes him able to assimilate the information and make use of it in the formation and building of his personality effectively.

The research is concerned with presenting the impact of the interactive environment using hologram technology on the development of the child's cognitive development by identifying the characteristics and requirements of the child's environment, how he perceives the surrounding space, and how to benefit from this interactive technology in providing an internal environment for the child that contributes to the development and development of the child's cognitive and cognitive abilities. Hence, the **research problem** is represented in the neglect of the role and importance of interactive technology in developing the child's skills and the lack of the internal design of the child's spaces on that interactive technology using hologram technology, and **the research assumes** a strong relationship between the interactive interior design and building the child's personality and that the use of hologram technology in the internal design of the child It helps in providing an entertaining educational environment for the child, and **the research aims** to uncover the positive side of interactive technology and how to use it in the educational process of the child and arrive at the importance of interactive interior design using hologram technology to develop and develop the child's skills. On **the inductive approach** through books, references and letters The scientific approach that clarifies the requirements of the child's environment to develop his cognitive and cognitive skills and learn about hologram technology and how to apply it inside the child's internal space, and the descriptive analytical approach through an analysis of some interactive interior design work

using hologram technology inside the child's spaces, hence **the importance of research** to emphasize the importance of design The interactive interior using hologram technology to develop the child's skills and reveal the positive side of interactive technology and how to benefit from it in the educational process of the child.

Key words:

interactive environment - hologram technology - child cognitive and cognitive development - interactive interior design