

Analytical study of educational buildings to applied interactive technology: A case study of the primary stages in Jordan

Prof. Ola Mohammed Samir

Professor of interior design –faculty of applied arts, Helwan university

Dr-olasameir.wixsite.com

Dr. Sara Fawzy Mustafa

Lecturer in the Department of Interior Design and Furniture, Faculty of Applied Arts,
Helwan University

Sara_mustafa@a-arts.helwan.edu.eg

Fadi Ahmad Mohammed Abu Tabanjh

Helwan University - Faculty of Applied Arts - Department of Interior Design and
Furniture - Cairo - Egypt

Fadiabutananjh@gmail.com

Abstract:

Educational institutions seek to provide distinct tools and methods to raise the educational levels of their students, and in order to achieve this, these institutions use all methods, educational tools and different methods to advance the educational process to the best level.

The classroom in schools is considered one of the most important components of the educational process. The interior design from the school building design to the classroom components gives students a better chance for academic achievement, through their use of interactive tools. *Whenever* the school building is appropriate and equipped with all tools and amenities, this will have a positive impact on the educational process, *Whether* at the educational level or at the recreational level.

Modern interactive technology is one of the most important factors that contribute significantly to displaying and teaching educational content in a way that meets the educational needs of students, including interactive whiteboards, interactive walls, and interactive furniture, which saves effort and time, and achieves direct communication with and assimilation of the contents of scientific materials.

The interactive curriculum is based on designing educational programs to serve the educational curricula, relying on the latest strategies and technologies currently used.

The research aims to demonstrate the development of interactive technology within the school classroom to raise the level of students' scientific achievement Through describing and analyzing educational buildings in primary schools in Jordan and comparing them with an applied model from a developed country, In order to benefit from the experiences of developed countries and try to apply it to educational buildings and classrooms in Jordan.

and researcher followed the Descriptive Approach in its theoretical Framework to introduce The Interior Design, its Foundations and Standards, As well as advanced Interactive Methods in Interior Design, and its Components such as Walls, Floors and Furniture. Also the researcher relied on the Analytical Method in analyzing Models of school buildings in Developed Countries, as well as for a Jordanian School.

Keywords:

Interactive Design - E-learning - Interior Design - Educational Process - Educational Buildings.