

Interior design and its impact on students' behavioral problems

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Abstract:

The Design decisions are usually dominated by concern for economic and material aspects, and neglect or omission of social and human aspects (human behaviour). Thus, the needs and requirements of the individual users (basic education students) are ignored. This completely contradicts the views of the users of those spaces, as well as specialists in the field of psychology and sociology, about the role of design processes in achieving a suitable physical environment for the human behaviour of the users of those spaces (the school building). Ignoring the requirements of the users on the one hand, and the behaviours of the users on the other hand creates an inefficient, and unfulfilled vacuum for the aesthetic, social, cultural, economic, and recreational goals. It is necessary to know the requirements, needs, and behaviours of students to achieve successful spaces, as it is the main factor in the success of school buildings, given that a human being affects and is affected by the physical environment. From this standpoint, it is clear that urban designers should pay attention to the process of designing school buildings from a perspective based on behavioural human considerations, and there is a need to integrate studies of the physical environment with human studies (human behaviour) in designing spaces to achieve the physical and moral functions of those spaces. Educational environments affect the creation of a psychological atmosphere conducive to educating students and encouraging them to be creative, and they are considered a strong basis in preparing a conscious generation that helps the renaissance and progress of society. Hence the need to pay attention to this environment (represented by educational spaces), which has become the basis for the development of the architectural educational environment, which is part of the educational and educational development. Many studies were conducted to find out the relationship between the behavioral problems of students and the geometric spaces of the educational building. Therefore, many researchers stressed the need to develop the engineering spaces of the educational building and to pay attention to their implementation and development in line with the needs of the times to produce more attractive schools for students. In light of this, the research problem was determined in the need to know the effect of interior design on students' behavior, achievement and scientific performance.

Key words:

Behavioral problems, Study problems, Educational building.

Introduction:

The student is considered the main pillar in the educational process as it is its main objective, as the educational process targets him as its main objective. The educational process aims to form the child and prepare him practically and scientifically to meet the challenges of the age, by achieving the comprehensive and integrated growth of the stage student, which includes physical, cognitive, and social growth.

The process of designing the school building for basic education is subject to basic influences in terms of the characteristics of the student, his psychological and physiological growth needs, and in light of the characteristics of the surrounding community and environmental conditions, and how this affects the space required to be designed, and the creation of the appropriate educational environment inside the school building, whether it is a natural environment that achieves the goals basic education, or a psychological environment that satisfies the needs of the characteristics of the student.

The academic and behavioral problems of students represent the most important obstacles and difficulties experienced by societies and educational institutions, which cause negative repercussions on families, schools and society in which they live. Students face academic and behavioral problems that appear during their daily interactions at home and school, which in some of them turn into behavioral and psychological disorders that lead to weakness in education, and this makes them use several means to escape from school, and continuous absenteeism. While the stage of basic education is one of the most important basic stages on which other stages of education are built.

Research problem:

The researcher can formulate the research problem in the following question:

Is the interior design of educational buildings affecting students' behavior and educational attainment, and educational process?

Research hypotheses:

There is an appositive correlation between scientific designing educational buildings and improving the educational process.

Research goal:

Devising design relationships that affect the student's behavior within the interior spaces of educational buildings.

Raising the psychological and environmental requirements of students in the field of interior design and furniture to improve the scientific performance of the educational building.

Research Methodology:

The descriptive analytical approach based on collecting information to build the theoretical framework.

search limits:

The research is limited to studying the effect of interior design on the behavior of students in basic education in educational buildings in Cairo.

Research steps:

First: Behavioral problems of basic education students and their impact on academic achievement

Second: The role of interior design in overcoming behavioral problems.

1 -Behavioral problems of basic education students and their impact on academic achievement:

Academic problems can be defined as “a set of difficulties that students suffer and that lead to failure and a decline in their academic achievement, represented by the difficulty of following up on lessons and exams”.

Behavioral problems can also be defined as “a behavior that differs from the behavior of the group in a particular situation, and it involves disorder and is considered undesirable behavior and difficult to control, including aggressive behavior. It is also known as the painful emotional state that arises from the frustration that leads to one or more motives.” The strong motives of the individual, which are the embarrassing issues and situations facing the individual, that require a solution from him and reduce his vitality and the degree of his adaptation to himself and the society in which he lives.

As for academic achievement, it is defined as “the level that a student reaches in his achievement of school subjects, and this is inferred from the total scores obtained in school examinations during the school year. Academic achievement is one of the important indicators of school compatibility and the success of the educational process. (1- P. 341)

1-1 The problem of absenteeism and truancy from school (school dropout)

The rates of absenteeism and truancy from schools are increasing, and it is one of the academic problems facing government agencies despite the free and compulsory education, which increases the rates of illiteracy and ignorance, which in turn creates serious social problems for the community such as child labor and the spread of theft. School absence is the students' failure to attend school without a legitimate reason or excuse and their absence. It is considered a problem of great importance (), as in Figure No. (1), which shows escaping from school. Absence leads to deviant behaviors among students, which encourages some of them to steal, aggression, smoking and violence, all of which lead to social deviation from the official and other means of social control. Official, which confirms the importance of this problem is what institutions are taking to solve this phenomenon. There is a negative relationship between student absence and academic achievement. (1- P. 339)



Picture No. (1) shows school escape in government schools

Source:(4)

1-2 Problem of distraction and lack of focus:

It means diverting a person's attention from his current task, and the occurrence of distraction and frequent interruptions that lead to canceling and stopping his activity, which leads to a loss of time, as if everything around him unconsciously takes his time and attention so that he does not achieve anything in the end, so that it requires returning to his right track to focus on the current task and he may need a lot of time to regain his focus, as the mind may get tired when it begins to work on changing its beliefs.(3)

1-3 Aggressive behavior

It is "a type of social behavior that aims at the desire of its owner to control and harm others in compensation for deprivation." The aggressive behavior of the student is a reflection of the influence of a group of social and economic factors. Aggressive behavior is one of the social facts that have accompanied human societies since ancient times, as in Picture No. (4), which shows violent behavior among students, and aggressive behavior of students takes various manifestations such as disturbance, theft, lying, joining subversive gangs, that is, it is one of the social and psychological problems that accompany the student in the primary stage, as it starts from childhood and it may move and develop at an advanced age, thus weakening his initiative and tending to isolation, introversion and shyness, which exposes him to psychological disorders.(2)



Picture No. (2) shows violence in schools and the spread of bullying in schools

Source: (5)

2- The role of design (interior and architecture) in overcoming behavioral problems:

The comfortable design of the educational building is achieved through the following scheme: Scheme No. (1) which shows the comfortable design of the educational building



Scheme No. (1) shows the comfortable design of the educational building

Source: the researcher

Results:

- Developing the educational environment in general, and the engineering space of the educational building (which is one of the factors that cause the formation of students' behavior) in particular, in order to modify behavior, the following requirements must be met:
 - Taking care of lighting and ventilation and choosing the appropriate colors to take into account the psychological needs of students according to their ages.
 - Suitable chairs and furniture for students of each stage.
 - The design of the school is to attract students while providing them with the highest degree of comfort and belonging in an environment that matches their inclinations.
- The role of interior design in establishing schools with contemporary designs that help reduce academic and behavioral problems and create an atmosphere that increases students' activity and increases their belonging and pride in their schools, and thus its impact on their behavior.

Recommendations:

At the academic level:

- Interest in studying psychology for designers and architects because of its impact on enriching the interior design through the realization of these spaces for an ideal behavior considering the physical environment that we build is a social phenomenon rather than a physical environment.
- Paying attention to the interior design of educational spaces and its great role in modifying many behavioral and study problems for students.

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