

"Multi-purpose furniture" and its role in educational facilities in light of the current crises

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Abstract:

- In light of the current crisis of the spreading epidemic "Corona Virus", with population growth urban expansion, small size of buildings and with the global financial crisis, cities have become narrower in population, and the need for innovative and compact solutions that fit the space became an important matter so most designers faced the problem of the inability of small spaces To accommodate enough furniture, the design should be created based on the needs of the community and solve problems to provide a better environment.

- Furniture is an inseparable and complementary element of architecture and one of the most important elements of interior design through which the interior space can be better used, and its design depends on its function and the space in which it will be placed. Furniture that is characterized by multifunctionality to meet the future needs of users, to serve more than one function to suit limited spaces. The importance of multi-purpose furniture design has emerged.

Furniture design is directly related to the interior space, so multi-purpose furniture is the smart answer to facilitate the study process and provide a good work space for the student in the educational origin, where it is difficult to work in small spaces, and in light of the Corona crisis, maintaining public health and appealing to social distancing , designers pushed to Inventing ways to reduce used workspaces and increase movement spaces, as furniture takes up a lot of space and costs a lot in a small space.

In educational facilities, we need multi-purpose pieces of furniture that provide comfort and ease of use for the student and have several uses, and work to adapt to different applications by transforming the spatial relationships of pieces to organize small spaces, and some also seek to acquire it as it can be converted from one form to another to add a creative aesthetic touch It adds character to the place.

So the research deals with:

- - The importance of multi-purpose furniture to increase space efficiency in educational facilities, as it is a major category of flexible furniture that helps to improve the use of the facility, provide comfort and space utilization, and is more flexible than traditional furniture.

- Achieving a good design system in the vacuum of educational facilities, finding non-traditional solutions to achieve comfort for users and functional efficiency, and finding a furnishing design style that achieves flexibility and is functionally, aesthetically appropriate with small spaces to reach the highest standards of utilitarian values for the person who uses the educational facility.

- - Design methods for multi-purpose furniture in educational facilities (the study spaces in the faculties of arts and engineering) and creating furniture pieces for the university campus in any space, because of the need for sufficient space from work surfaces and movement, and to take

advantage of it and use it for more than one functional purpose to facilitate the study process and provide a good work space for the student.

- Multi-purpose furniture applications, making designs and implementing models in educational facilities to solve the problem of small spaces and maintain public health.

Keywords:

(Multi-Purpose Furniture – Environmentally friendly furniture- Educational facilities (colleges of art and design) and their mission).