

Academic Library as an Entrance for Developing of Creative Thinking Skills in the Light of Interior Design and Printed Hanging Textiles

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Introduction:

Learning and teaching strategies are related to technological development in the society, so they force new positions on teaching and learning styles in universities and also emerging strategies that are suitable to rapid changes in society's ideology.

There is a big competition among university institutes in order to raise graduate's quality and provide the ways that guarantee practicing research and educational activities to achieve creativity sides and consequently providing the graduate with necessary experiences, preparation and training elements that help him/her to solve problems and face life's challenges. Thus, academic libraries are considered one of the most important educational tracks that can improve student's creative thinking skills if the new educational means are used to qualify the Egyptian character to be an international one that is able to face modern challenges.

Thinking is the main treasure for creative power so it is a necessity to care for thinking processes and develop its creativity skills. According to this the research approached the academic library and tried to reform its interior space using printed hanging textiles to be the practical side for emerging educational strategies that stimulate the student to think and to improve his/her creative thinking.

It is known that academic libraries in most of Egyptian universities are designed to focus on theoretical side in educational process. Unfortunately, there is no place for thinking relations among things, brain storming, or discussing presentations in our academic libraries. So academic libraries are not able to catch up with the changes and social progress and that prevented them from following the simplest concepts of civilized, scientific, and technological development in the world.

This phenomenon led to focus on various educational strategies that excite the student and develop his creative ability. It is a necessity to use printed hanging textiles as part of interior design and through it we can control the area of interior space and form it in a way that help to use the space for more than one educational activity according to a suggested design. This design should be prepared in order to create integrity between educational strategies and using library's space for practicing various educational techniques.

Research problem:

Academic libraries neglect some educational techniques that develop creative thinking in university stage and also fulfill student's changeable needs through unused interior spaces, in order to achieve the best functional efficiency for both library and student.

So the main question is: Do printed hanging textiles have a role in interior design process to increase library's functional efficiency and to have a positive effect on developing students creative thinking?

Research hypothesis:

Through the proposed question in the research problem we find that the research supposes the following:

Printed hanging textiles can be formed and placed to be an essential part of academic library's interior design.

Different educational strategies necessarily lead to reforming interior spaces to achieve the best functional efficiency for both the student and the library.

Research aim:

Putting a new design vision for library's interior design using hanged printing textiles to attract the student so the library becomes a part of his educational and cognitive entity and a start for his creativity.

Research importance:

Focusing various educational strategies that stimulate and develop student's creative ability to find a place for them in academic libraries by using printed hanging textiles as a part of interior design works and through them we can control interior space area and form it to use one place for more than one activity according to a suggested design to achieve integrity between various educational strategies and using a definite space in practicing different activities.

Research methodology:

The research follows the following methods:

- 1- Historical recovery approach: it follows Interpretive descriptive approach for the relation between printed hanging textiles and interior design works in academic libraries.
- 2- Inferential approach: to define design and structure bases that can be followed in interior design works and its main factors.
- 3- Experimental method: includes Faculty of Applied Arts in Damietta University's Academic Library's case study and suggestions for forming library's interior space and using printed hanging textiles to be suitable to educational strategies in the university to improve student's creativity.

Research limits:

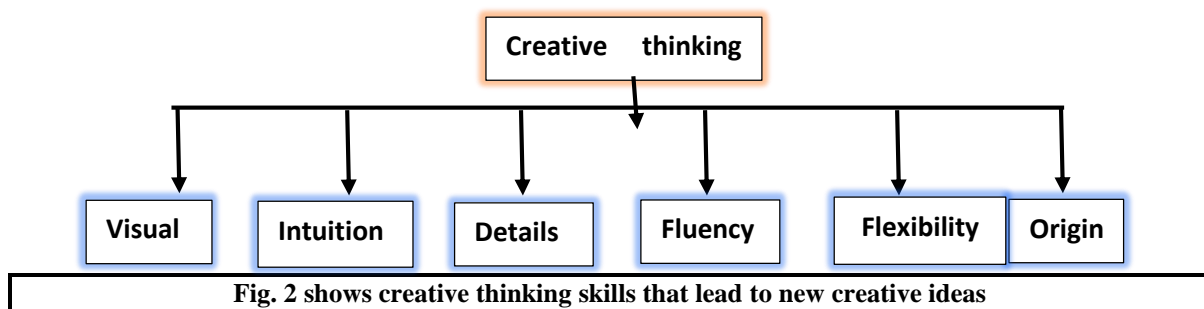
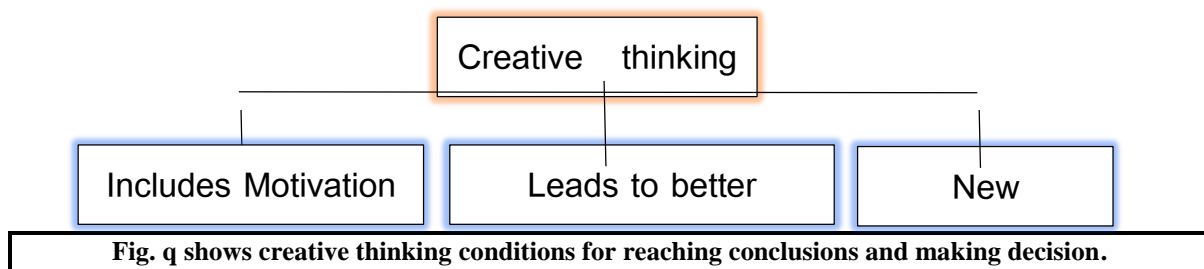
Time limits: studying printed hanging textiles in the twentieth and twenty first centuries which played a significant role in interior design works. It also showed some solutions to the problems related to using and forming interior space.

Place limits: analytical study for Local academic library in Europe.

Subjective limits: using interior design elements including printed hanging textiles in a way serving university student's technological needs and as a result attracting the student to the library.

Research axis:

- The academic library to improve university student's creative thinking.
- Educational strategies to improve creative thinking skills.
- The role of printed hanging textiles in interior design works.
- Using printed hanging textiles to achieve educational strategies in academic libraries.
- Forms for printed hanging textiles and various breaks in library's interior design works.
- A case study for one of academic libraries (Faculty of applied arts – Damietta university)
- Faculty library's requirements to achieve educational strategies.
- A design vision to reform library's interior space that allows more than one educational strategy.
- Suggestions for employing printed hanging textiles in library's interior design.

**Educational strategies to improve creative thinking skills**

Educational strategies are a response for emerging educational trends that are asked by The National Authority for Quality Assurance and Accreditation in Egypt. It seeks increasing awareness of constant current changes and improving educational practices to achieve significant results in the society through providing a graduate who is able to compete at the shade of globalization.

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| <ul style="list-style-type: none"> 2- Brain storming strategy 4- Creative thinking in presentations strategy | <ul style="list-style-type: none"> 1- Critical think strategy 3- Research and discovering strategy 5- Cooperative learning strategy |
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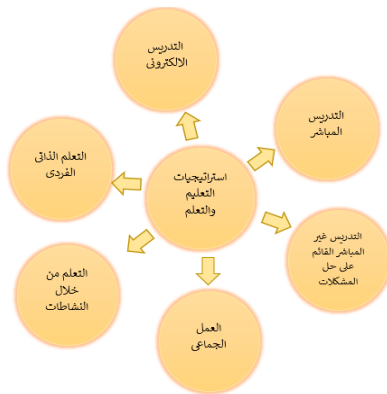


Fig. 3 shows some educational strategies

These strategies are used to improve creative thinking through explaining, analytical theories and criticism to assure the importance of using available resources to reach one aim that is using library's interior space in more than one educational activity by using printed hanging textiles to create an environment suitable for improving student's skills and to make educational process easier, faster and more effective.

The role of printed hanging textiles in interior design works:

Creating new designs in the field of printed hanging textiles requires creative forming by the designer to find the relation between him and the external world. He should know how to form interior space requirements and translate surrounding conditions to create a new product signified with originality and carries designer's unique vision. When the designer starts working in a new printed design he should renew and innovate ideas to be different from the old ones because the product is a summary for designer's experiences that have been registered in previous works.

Thus, we find that despite designer's various ways, they have one destination that is discovering the new relation between product's shape and function. The product should have values suitable for human's advanced mind in the 21st century and with the emerging conditions and surrounding interior space's requirements.

Research results:

- Caring for improving university student's creative thinking skills should have on the other hand a study for those skills requirements that can improve his creative thinking and working on providing libraries with them.
- Printed hanging textiles is an important element in interior design field as through it the designer could reform library's limited interior spaces to achieve the best functional efficiency for both the student and the library.
- Academic library's interior space design and using interior design elements shall help student's technological needs to attract him to the library.

Research recommendations:

- There should be a study caring for specializing design approaches that are suitable for educational techniques to fit universities approaches.
- Working on applying educational strategies that help in improving university student's creative thinking skills inside the library through attractive interior designs and the most important is printed hanging textiles.
- Caring and following all new trends in technology fields and following applying them in academic libraries to encourage students to use the library to be a source for improving creative skills.

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