

Mind Map and Their Role in developing creative thinking (Case Study Arts & Design Students)

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Abstract:

Thought is the form and mental processes performed by the human mind, which enables him to model the world in which he lives, and thus enable him to deal with him more effectively to achieve its goals and plans and desires.

Thinking is the interaction of a person's mental structures with the outside world, the interaction between what is within the self and what is outside creates new ideas and concepts. It is an activity that uses symbols such as images, meanings, words, numbers, memories, signs, expressions and substitutions that replace things, people, In order to understand a specific subject, so thinking is the highest cognitive function to be analyzed.

One of the main objectives of education is to raise thinking level for the student to be able to practice abstract thinking.

Based on this definition, the student needs knowledge so that he can think well and deals correctly with the problems, but many students are not good at using their previous knowledge despite the availability of knowledge they have and the reason of that, their inability to retrieve their information and knowledge.

The plastic processing includes thinking, feelings and emotions, and includes creativity with cognitive skills. Then the teacher has to encourage students on reflection, meditation, analysis and initiatives and not to suppress, reject, underestimate or disregard to them.

Hence, the research problem is focused on how to teach the students to deal with their information and learn from their previous experiences, and how the teacher helps them to use their minds to interact with the activities and experiences because interacting is one of the basic rules of thinking.

Key Words:

Mind Map, Creative Thinking, Activities and Experiences, Workshops.

Research problem:

- Students have difficulties to organize and analyze ideas although their cognitive skills.
- Not using mind maps to discover creative thinking.

Research Aim:

- Develop creative perception skills for students to avoid thinking mistakes.
- Motivate students to use mind maps to develop their visual thinking.
- Develop students' ideas to reach creative thinking.

Research Importance:

- Integrate thinking skills into courses with creative thinking.
- Students achieve a better and higher level in creative thinking by using mind maps.
- Mainstream teaching thinking and learning creative thinking skills.

Research Hypotheses:

- Workshops are a way of expressing of mind maps.
- Using mind maps help to create an effective environment between professor and student.
- Using creative thinking helps students to develop their skills and find innovative ideas.
- The integration between mind maps and creative thinking achieve by applying thinking development methods achieve.

Research Boundaries:

Time Boundaries: 2018 between first semester and second semester.

Spatial Boundaries: outside the university, (open air).

Research Methodology:

The research is based on an inductive, descriptive approach accompanied by an analytical study, for varieties innovative arts work for level one.

Circle Map:



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