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# How to Mind Map? : A Learner-Centric Tool for Enhancing Creativity

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## Abstract

The primary objective of this review is to incorporate the use of psyche map in the process of educating and learning. Mind planning appears to be an interesting instrument for making and overhauling the already learnt idea or topic. All in all brain maps is an association of visual things that can address the information efficiently. It permits the students to learn without help from anyone else. It is assumed that when the students learn in their own style then, at that point, unquestionably the sub-conscious assists creativity by creating innovativeness. There are many open, free and some paid programming structures for making mind maps. Mind map is additionally similar to raising the entire unit or sub unit on one page which absolutely assists understudies with overhauling the ideas at high time like tests. The present paper attempts to evaluate few articles and observe the effect of psyche planning on every stage of the degrees of learning. The discoveries of the review uncovers that there involves a lot of dynamics in making mind maps and the process eventually aids in comprehending and fostering delicate expertise skills. Consequently, the research promotes the educators to utilize this device for evaluation.

**Key words:** Mind mapping, creative thinking, concept attainment and software

## INTRODUCTION

Mind planning is a visual instrument to direct understudies viably to learn better. It very well may be characterized as constructions which permit ideas to be outwardly coordinated in naturally shaped and in shaded branches (Davies 2010). It can likewise be utilized as a self-learning strategy to work within the comprehension of troublesome ideas. The action of making mind planning permits overseeing and communicating data in an organized way. Mind planning, as per the functions of the human cerebrum, is interlocked and interfacing single idea with different ideas to make importance in an idea (Ku, T.D Shih 2014). Mind planning was created by Tony Buzan as a significant method taking. He characterizes it as the application which has the force of uncovering the considerations which the cerebrum has a review point which enacts the left and right projections of the mind together as an option in contrast to straight idea. The planning of psyche planning starts by gathering data from different sources. Then, at that point, understudies can organize the ideas as needs in a fanning structure. It will be more viable when it is joined with different strategies to foster inventiveness. Instructors can use this as an apparatus/help to plan and screen addresses.

Steps to create mind mapping:

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Figure 1: Steps to create mind mapping



1.Planning: It is considered to be an initial step to create structured mind map. So, with proper planning one can develop attractive conceptual maps.

2.Content: It is very needful for developing any material. As a tool it develops mastery over the subject matter. It can be collected through various available sources.

3.Organization: After the collection of content, one should know how to structure/organize it in order to enhance focus on learning. It is a crucial step to decide and solve the problem.

4.Execution: Bringing the whole concept under one roof with the help of above steps executing reflects the content knowledge of a presenter/designer. This is the stage which fosters creativity amongst mind map presenters.

**SIGNIFICANCE OF THE RESEARCH**

The first and the foremost step is to look through a topic from various sources; for instance: one can take into consideration the use of digital books, reading material, reference books and so on for the procedure. Then, the researcher concocts 8-10 pages of review by which he/she visualizes the numerous branches with regard to the substance.

Thus, to bring the dominance over the substance it is critical to ask them to sort out the substance methodically and remember the focuses from the point. It works as a successful instrument especially for high school students. In this manner there is a need of the review to foster the inventiveness among understudies through mind map. This process may be alluded as a significant apparatus for instructing and learning process.

**REVIEW OF LITERATURE**

1.Machado, Cristiane (2020) distinguished advantages and difficulties in advanced education. The point of this paper is to distinguish the impacts of idea planning exercises and to examine the educational practices. Discoveries show that idea maps advance improvement of decisive reasoning abilities, work with coordination among hypothesis and practice, foster significant learning, advance innovation incorporation and advance understudy joint effort. The discoveries additionally show difficulties in incorporating idea planning in scholarly practices, for example, understudies experiencing issues in idea and connection determination, understudy obstruction, and programming hardships.

2.Holmes David.et.al (2018) observed that graduates can play out their expert abilities in creating mind

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planning. The present paper portrays the viability of utilizing an instrument that normalizes the capabilities in making mind maps. The contextual analysis is done on Australian Engineering understudies. Each subject is planned by assessing the sum and profundity of ability advancement present. The powerful capability planning presented in this paper empowers measurement of learning inside an expert degree program and gives a system to comprehensive program improvement.

3. Smith Justin (2016) surveyed mind planning with social learning results in communitarian ecological rebuilding and participatory normal asset the board drives. The creator has utilized psyche planning for pre and post evaluation uncovered changes in individual and aggregate pondering basic social and biological issues

**OBJECTIVES OF THE STUDY**

1. To highlight the significance of the mind mapping among students.
2. To create collaborative and innovative learning environment.
3. To bring effective practice of mind mapping among post graduate students.
4. To recommend the use of mind mapping for teaching improvement.

Research question:

Whether students are able to create innovative mind mapping for developing mastery over the content?

**PROCEDURE OF THE STUDY**

In the underlying stage the researcher has stepped through little experiment on mind planning. The students selected for the experiment knew nothing about the web-based apparatuses and the production of psyche planning. Then, at that point, the researcher gave a demo on utilizing different internet based apparatuses to make mind planning. That's where the students learnt with their own advantage and understood the meaning of the

apparatus to utilize and make. The researcher additionally requested the students to present their psyche planning in delicate and printed version to keep up with record of accommodation. Subsequently the researcher utilized this brain planning for evaluating their creation to give grades for task.

**METHOD**

For the current review the researcher has followed the exploratory strategy to discover the effect of brain planning in creating innovativeness. Prior to relegating the assignment the researcher examined the students' discernment about mind planning. There was a positive reaction from the understudies since they were prepared to learn new thing. Along these lines utilizing mind planning as task accommodation made their work simple and straightforward.

Tool: The researcher used mind mapping as a tool for assessing students' creativity.

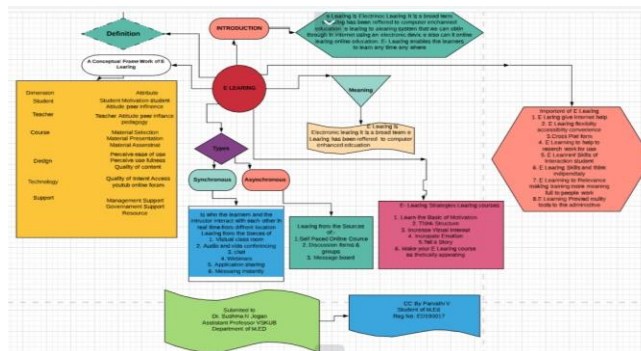
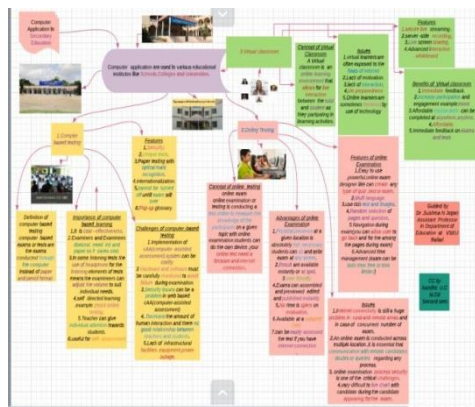
Sample: Selected students were taken through simple random sampling technique.

**RESULTS AND DISCUSSION**

It is obvious from the below mentioned mind planning made by understudies, the specialist could accomplish outlined goals. Since understudies took dynamic cooperation in creating mind planning, they could work cooperatively and some of the time can be used by the individual to introduce their thoughts/musings as brain planning. It is additionally demonstrated from the review that it assists with creating proficient degree program and obviously it can go about as a component for comprehensive advancement of understudies.

Here are mind maps created and submitted by post graduate students.

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CONCLUSION

It is to reason that psyche planning is an ad liber device for viable educating and learning. The above study is a model for using the web-based apparatuses for making mind planning. It can improve the learning without the help from anyone else through featuring and picking the pertinent data. Here understudies can likewise close the idea from the material being perused. In this manner, it animates understudies' imagination in learning.

REFERENCES

[1]Edwards, S., & Cooper N. (2010) Mind Mapping as a Teaching Resource. The Clinical Teacher, 7(4): 236-239 <https://doi.org/10.1111/j.1743-498x.2010.00395.x>

[2]Erdem Aliye (2017) Mind map as a lifelong learning tool, Universal Journal of Educational Research, v5 n12A pp1-7

[3]Farrand, P., Hussain, F., & Hennessy, E. (2002). The Efficacy of the 'Mind Map' Study Technique. Medical Education, 36(5): 426-431. <https://doi.org/10.1046/j.1365-01205.x>.

[4]Golden, S. A. R. (2016). RURAL STUDENTS' ATTITUDE TOWARDS ENGLISH AS MEDIUM OF INSTRUCTION IN HIGHER EDUCATION-AN ANALYSIS. International Journal of Research, 3(1), 10.

[5]Holmes, David et al. (2018) Development of a competency mapping tool for undergraduate professional degree programmes, using mechanical engineering as a case study, European Journal of Engineering Education, v43 n1 pp126-143

[6]Machado et al. (2020) Concept Mapping: Benefits and Challenges in Higher Education, Journal of Continuing Higher Education, v68 n1 pp 38-53

[7].Novak, J.D, & Musonda, D. (2001). A Twelve-Year Longitudinal Study of Science Concept Learning. American Educational Research Journal, 28 (1):117-153. <https://doi.org/10.1007/s11165-004-3431-4>

[8]Smith Justin G, Bryce (2016) Assessing social learning out comes through

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participatory mind mapping, Journal of Extension, v54 n1 Article 1TOT3

[9]Tasiwan (2016) Transformation of The Students' Inquiry Capability through Mind map Educative by Using Game Observation Normatively (Megono) Learning Model. Journal Pendidikan IPA Indonesia, 5(1): 123-133. DOI: <https://doi.org/10.15294/jpii.v5i1>.

10.Golden, S. A. R., & Regi, S. B. Mobile Learning: A Transformative Tool for Learning and Education.