



Shaping Future Generation Through Innovative Methods of Teaching

Manpreet Kaur

Hod, St Joseph Convent School

Corresponding Author: Manpreet Kaur Manpreetrajpaldi@gmail.com

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ABSTRACT

Innovation in education is the index of development and teacher is the facilitator in this globalize world. Teachers of today's world have to meet the needs of the present education system without compromising the ability of future generation. Educational technology has given birth to "Edudemic" and innovative methods of teaching which is the need of the day. The present day teaching techniques need to be instrumental which are to be integrated with technologically advanced practices methods of teaching to meet the needs of the students. Innovations methods of teaching helps to prepare the requirement of the society is dynamic, enthusiastic, constructive and skillful students who can understand the community prognosis and work for the development of the society. Intuitive mind and Creativity is a divine gift and each individual has a certain amount of this gift. The purpose of this paper is to suggest useful innovative teaching methods that can be attempted in constructing knowledge to the students so that education leads to exploration, and innovation not to cramming.

INTRODUCTION

The purpose of education is not just making a student literate, but adds rationale thinking, knowledgeable and self sufficiency. To fulfill the purpose of Education, there is a requirement of techno- savvy classrooms which provide education by using innovation. Innovation is a new idea, device or process. Innovative ways to teach and learn are redefining the teaching experience. Today's world have new expectations from students, beyond basic skills, they need proficiency in collaboration, communication, and information management – all 21st century skills and access to the learning tools that put these skills within reach. According to National Skill Development Corporation one million students remain unemployed after their schooling, graduation and post graduation. In India only 10% youth are employable, 60% lack communication skills and 25% lack analytical skills.

Today, in this globalize world there is a need of confident, efficient, skillful and critical thinkers who can work for their own learning and happiness rather than a life which is full of frustration. So, there is a dire need to have quality and innovation in teaching methods which can revamp classrooms for maintaining Quality Culture in Education.

LITERATURE REVIEW

The secret is to create mind maps that maximize these factors, enhancing our own originality, critical thinking, and ability to connect concepts from one mental image to another. According to recent research, people's minds are greatly impacted by information presented through graph charts. Keeping this in mind, educators may attempt to help students visualize concepts and demonstrate them to them (Zipp, 2013).

How to use mind maps?

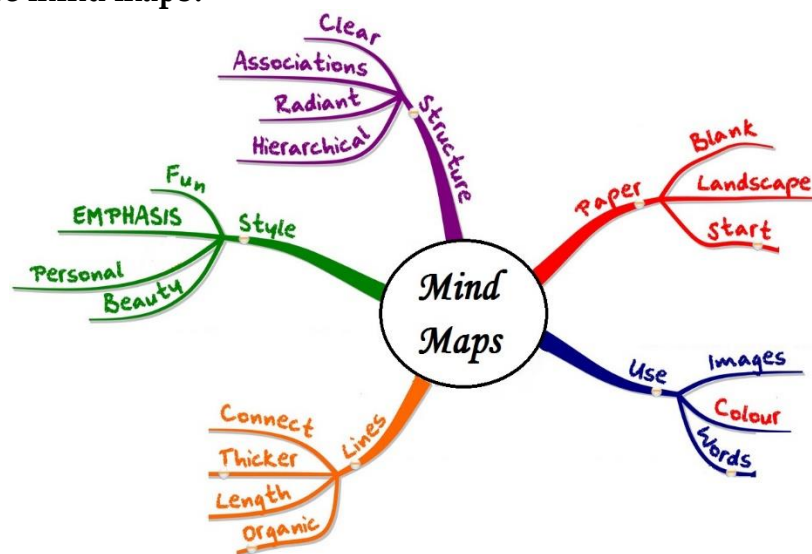


Figure 1. Mind Maps

efficiently. Images, sounds, color, touch, and smell are all components of our learning arsenal that aid in long-term memory retention.

RESEARCH RESULT AND DISCUSSION

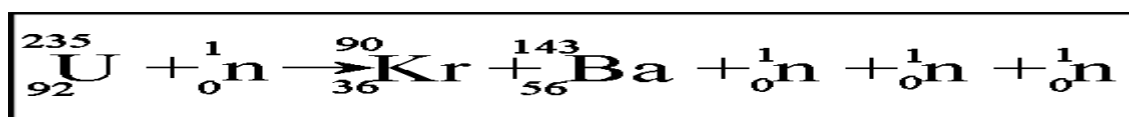
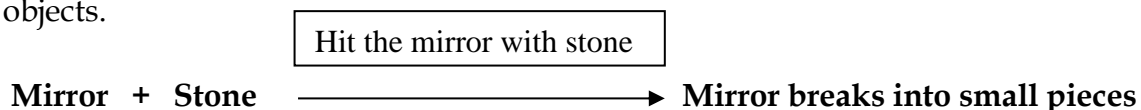
➤ Multimedia Approach

In order to convey a message or piece of information, different digital media types—such as text, images, sound, and video—are combined into an integrated, multi-sensory interactive application or presentation. The instructor modifies the material's content through the use of multimedia. It enables him or her to use various media elements to represent in a more meaningful way. For the final presentation, these media elements can be transformed into digital format, altered, and personalized. Students learn more effectively when digital media elements are incorporated into their projects because they use multiple sensory modalities. This increases their motivation to pay attention to what is being presented and helps them retain it (Neo.M and Neo K.T.K 2001) . The classroom is no longer the same thanks to new technological tools. For instance, the space is equipped with cameras for taking pictures of whiteboards, which can be sent to students as digital files. Additionally, replace the outdated projector with small computers that enable the teacher to write notes directly on the screen using a special pen. The advantages are:

- Enriches and diversifies methods of online instruction
- Accommodates various student learning strategies
- Promotes increased student interaction
- Encourages interdisciplinary approach
- Emphasizes relevance to contemporary culture
- Empowers students in a multimedia culture

➤ Z to A Approach

The teacher should give vivid explanation of the concept by using the examples of effective applications. To explain the concept of nuclear fission, it is important to create the interest of the students by using an example of daily life objects.



Teacher tells students as a stone is thrown on the mirror it breaks into small pieces. In similar way when a neutron strikes a big molecule (Uranum), it breaks into small molecules (Barium and Krypton) and release large amount of

energy, that process is known as fission process and sound is produced. This creates interest of the students and makes a difficult topic interesting. The advantages of this approach are:

- Makes a particular concept clear
- Students develop interest to know exactly the concept.
- Creates long lasting memory/correlation of a concept.

➤ **Teaching with Sense of Humour**

Using humor in the classroom is another cutting-edge teaching strategy. Homosexuality improves student-teacher relationships, lowers stress levels, adds interest to a course, and, if it's pertinent to the subject, may even help students remember the material better. People can feel more at ease and less tense when they laugh, which fosters a communication and learning environment. The best strategy for improving recall of commercials, according to a plethora of advertising-related studies, is humor. Reading joke books and watching stand-up comedians are two simple ways to instill humor in the classroom (Damodharan, 2012). It is important to encourage students to take notes, particularly so they can learn about the professionals' use of timing, pauses, and exaggeration. Exaggerate reality while keeping an eye on it; humor often stems from observations about actual events and real-life circumstances. Finally, it should be noted that humor is crucial for both education and the healing process. It gives the students a liberated environment that supports critical thinking. It provides a free environment to the students which help them to think analytically.

➤ **MNEMONICS - To Aid the Memory**

Mnemonics are methods, like a pattern of letters, concepts, or connections, that help with memory retention. Here, the instructor is not expected to discuss a certain idea for a considerable amount of time. However, he needs to make it obvious to the students that he can continue reciting mnemonics or the words that correspond with them. Here, he continues to speak in simple terms rather than sentences. When the students grasp a concept, the teacher will move on to using sentences to explain it. For instance, teachers can effectively develop students' word power by using this technique when teaching language courses. The dictionary must be used extensively, and teachers should learn many terms related to a given subject. For the learning of days in a month the following technique can be follows:

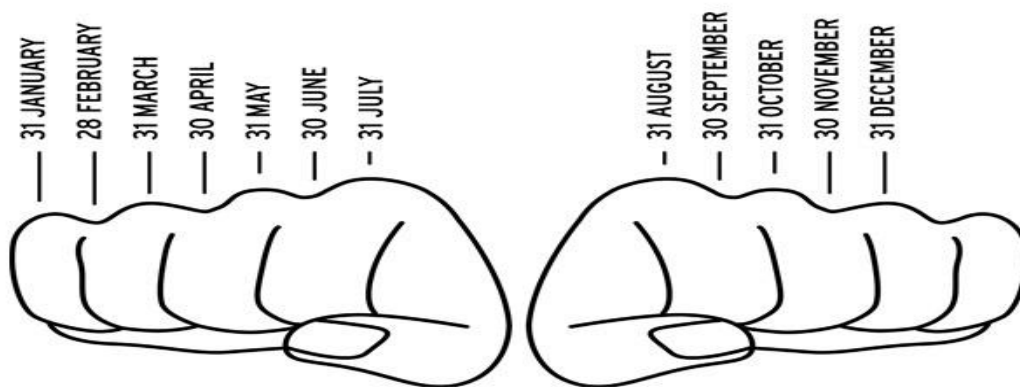


Figure 3. Technique Learning of Days in a Month

It also helps to remember the things from short rhymes and through short forms like to learn the function of ear in form of a rhyme: *You can hear from your ear*. Since they frequently can't recall concepts from science classes like chemistry, students typically perceive these topics as being too "volatile." Thus, the use of mnemonics was recommended to ensure that chemistry teaching and learning become more engaging and that students can retain the concepts they have learned (Oluwasanumi A., 2014).

➤ **Role Playing and Scenario Analysis - An innovative training technique**

Another cutting-edge approach to education is scenario analysis and role-playing. Science and engineering courses involve practicals, but they also expose students to making decisions in a specific setting when they are presented with a scenario and alternative solutions to address a particular problem. The ability to promote assessment and synthesis of the material while essentially removing students from their seats and letting them learn by doing is one of role-playing's key benefits. Furthermore, the teacher's job is to clarify to the students that this is not only enjoyable but also an opportunity to engage in the learning process. For example, in legal education, this could be a court exercise, developing a negotiation strategy and witnessing a contract's conclusion, or role-playing an alternative dispute resolution process. They are suitable for helping students develop the research, text analysis, and argumentation skills that they will undoubtedly need in their professional lives. Furthermore, students can achieve deep-learning create their own new ideas that is prerequisite of long-term knowledge. (Vijit Chaturvedi, 2008)

CONCLUSIONS AND RECOMMENDATIONS

The intuitive mind is the sacred gift. It is a path of progress for any nation. Transforming teachers' passion for their subject matter into students' enthusiasm for learning is the goal of innovative teaching and learning strategies. Innovative

teaching techniques have the potential to enhance education while also empowering individuals, bolstering government, and igniting national efforts to meet the goal of human development. To shape our future generation, it's a need to use the innovative methods of teaching in our teaching process so our students can explore, understand, innovate, critically analyze and can enjoy their studies and always try to learn more. This attitude will help them to have stress free life, successful and contented life.

ADVANCED RESEARCH

In writing this article the researcher realizes that there are still many shortcomings in terms of language, writing, and form of presentation considering the limited knowledge and abilities of the researchers themselves. Therefore, for the perfection of the article, the researcher expects constructive criticism and suggestions from various parties.

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