



ACTIVE LEARNING STRATEGIES AS AN INNOVATIVE TEACHING AND LEARNING STRATEGIES

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ABSTRACT

Education is a process of facilitating learning of knowledge, skill values and habits. Basically teaching must include two major components sending and receiving information. Ultimately a teacher tries his best to impart knowledge as the way he understood it. Teacher as a facilitator in teaching learning process and he try every day something new and innovating in his classroom. His innovative ideas make his teaching different to others. Propose of this paper to promote active learning strategy as an Innovative teaching and learning strategy. The main objective of this paper, to promote innovative and effective methods of teaching in classroom, best practices in teaching with students and accelerate teaching-learning process by way of promoting independent, critical and Creative thinking etc. Researcher thinks critically and analyzes all traditional teaching methods and Innovative teaching methods. After discussion all aspects researcher found that active learning strategy is the best option of Innovative teaching methods. School and college teacher can easily implement in their classroom and get positive result for learning. Conclusion of this paper, active learning strategy is more effective Innovative method during teaching learning process in classroom environment.

Key words: active learning strategy, Innovative Teaching, Teaching and Learning, Learning Strategies

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INTRODUCTION

Advance pedagogy is the way to enhance teaching and learning performance. Different innovative teaching methods are now in use across the globe. The application of innovative teaching and learning methods is critical if we are to motivate and engage under a spirit of learning as well as enthusiasm on the part of students. The role of education is to ensure that while academic staffs do teach, what is taught should also be intelligible to students emanating from culturally and linguistically diverse backgrounds and that they rapidly become familiar with the expected standards. It often happens that students achieve less due to the fact that they do not have an awareness of the level of assessment or what the lecturer expects from them. Lecturers should thus apply themselves to utilizing innovative methods so that the students' learning process is as free-flowing as possible and that the methodology they adopt is beneficial to learning. In teaching learning process there are different types of teaching methods which is used by the teachers for long period of teaching, they are:

- Traditional Teaching: Chalk and Talk, lecture, Discussion, Books
- Cognitive Teaching: Thinking, Discussion, Analysis, Evaluate
- Hybrid Teaching: Face to Face, Online, Questionnaire, Mixed and Independent
- Effective Teaching: Innovative, Interactive, Constrictive, and Collaborative
- Modern Teaching: Lecture, Discussion, Interaction, Problem Solving, Audio and Video Visual, Skill based, Different language, Globally Collaborate etc.

Innovative teaching include in effective teaching methods. Innovative teaching and learning methodologies such as short lecture, simulation, role-playing, portfolio development and problem-based learning (PBL) are very useful in addressing the rapid technological advances and developing workplaces that will be required in the expected future. Deslauriers, L., McCarty et.al (2019) Measuring actual learning versus feeling of learning in response to being actively engaged in the classroom, he promoted that during active learning students being active participation and highly engaged. Prince, M. (2004) active learning works effectively, so the success of a student depends on the teacher and the innovative methods which they incorporate in teaching. The use of innovative methods in educational institutions has potential not only to improve education but also to empower people, strengthen governance and galvanize the effort to achieve the human development goal for the country. (Unal, 2017) investigate different teaching methods—problem solving, inquiry based teaching, discovery, games, lecturing, and case studies, among others—and to draw attention to effective teaching and learning processes. Research based teaching, learning is used for increasing student thinking ability and own creativity they gathered new information used for higher education. This paper focused on the effect of innovative methods of teaching and to suggest other teaching methods that can be attempted in imparting knowledge to the students.

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Objectives

1. To promote innovative and effective methods of teaching in classroom.
2. To promote best practices in teaching to students.
3. To accelerate teaching-learning process by way of promoting independent, critical and Creative thinking.
4. To explore methods of effective teaching learning at school and college level.
5. To share best teaching learning experiences by school, college and university teachers.

Active learning as an Innovative Teaching Method

An active learning strategy is any type of activity during class (face to face, online, or outside of class) that engages learners in deep thought about the subject matter in our course. These strategy have multiple benefits: the instructor can easily and quickly assess if students have really mastered the material (and plan to dedicate more time to it, if necessary), and the process of measuring student understanding in many cases is also practice for the material—often students do not actually learn the material until asked to make use of it in assessments such as these. Finally, the very nature of these assessments drives interactivity and brings several benefits. Students are revived from their passivity of merely listening to a lecture and instead become attentive and engaged, two prerequisites for effective learning. These techniques are often perceived as “fun”, yet they are frequently more effective than lectures at enabling student learning. Active learning methods ask students to engage in their learning by thinking, discussing, investigating, and creating. In class, students practice skills, solve problems, struggle with complex questions, make decisions, propose solutions, and explain ideas in their own words through writing and discussion. Timely feedback, from either the instructor or fellow students, is critical to this learning process. Education research shows that incorporating active learning strategies into university courses significantly enhances student learning experiences (Freeman et al., 2014; Theobald et al., 2020). Active Learning and Student-centered Pedagogy Improve Student Attitudes and Performance in Introductory Biology and promote active learning in biology science (Armbruster et al. 2009).

How to promote active learning?

The most important element of success when setting up a proactive learning environment is motivation. Studies have shown that active learning results in increased enthusiasm for both learners and facilitators. What’s more, active learning also improves learners’ perception and attitude towards information literacy. These are all critical attitudes in establishing an active



learning environment. Moreover, fostering an environment that values active learning methods is not only the responsibility of a select few (like the training department, for example); but it needs to involve the active participation of the entire community. Instructor promotes and motivates students, colleague, management and society to implement active learning strategy in their classroom, and school. Teacher create positive and learning environment for this strategy.

Implementing active learning in our classroom

- Choose an active learning strategy that aligns with course aims
- Consider the logistics of implementation: time space, material constraints
- Prepare students by explaining active learning strategy and clearly linking to course aims
- Solicit feedback from students and evaluate effectiveness of strategy

Best Practices as Active Learning Techniques: Key Questions (During Implementation)

To help the success of these strategies, put yourself in your students' position and imagine how they might experience it. This will help you get a feel for the lesson. When applying any of these strategies for your course, be sure to ask yourself:

- Will this be engaging and exciting for my students?
- Can this activity deploy formative assessment strategies?
- Is the student placed at the center of this learning strategy?
- Will this encourage my students to discuss a topic with one another?
- Am I giving students the opportunity to reflect on the learning process?

Is this activity getting my students to think deeply and critically about a topic or lesson or is it simply a comprehension exercise? These entire questions will help to the teacher when they implement this strategy in their classroom.

The many advantages of active learning

There are an excess of studies on the benefits of active learning. Research has proven that there is increased content knowledge for participants of the approach. In addition, development of critical thinking and problem-solving are two other benefits. Creative thinking, collaborative, and interpersonal skills also show great improvement when active learning methods are implemented. The most important benefits, though, have something to do with learner motivation.



- Opportunities to process course material through thinking, writing, talking, and problem solving give students multiple avenues for learning
- Applying new knowledge helps students encode information, concepts, and skills in their memories by connecting it with prior information, organizing knowledge, and strengthening natural pathways
- Receiving frequent and immediate feedback helps student's correct misconceptions and develop a deeper understanding of course material
- Working on activities helps create personal connections with the material, which increases students' motivation to learn
- Regular interaction with the instructor and peers around shared activities and goals helps create a sense of community in the classroom
- Instructors may gain more insight into student thinking by observing and talking with students as they work
- Knowing how students understand the material helps instructors target their teaching in future lessons

Teaching Learning Process in the Active Learning Classroom (The Teacher's Role)

While active learning places an emphasis on the student's role in the learning experience, there is no doubt that the success of any active learning strategy starts with the thought and planning of a conscientious instructor. Teachers play an influential role in increasing students' situational interest in the active-learning classroom, while factors like a teacher's social connection with students and subject matter expertise "significantly influence the level of students' situational interest in the active learning classroom." And, critically, the benefits of active learning go both ways, helping teachers as well as students.

Innovative Methods makes Education better:

- Improve ability to personalize learning
- Potential for individual progress
- Improve student engagement and motivation
- Need to extend time and stretch resources
- Potential to extend the reach of effective teachers
- Ability to improve working conditions
- Decrease device costs
- Student and parent adoption of learning apps
- Interest in narrowing the digital divide



Encourage Student / Faculty Contact

Frequent student-faculty contact in and out of classes is the most important factor in student motivation and involvement. Faculty concern helps students get through rough times and keep on working. Knowing a few faculty members well enhances student's intellectual commitment and encourages them to think about their own values and future plans. Teacher may be talk with students on a personal level and learn about their educational and career goals. They seek out students who seem to be having problems with the course or miss class frequently. They advise to students about career opportunities in their major field. They share their past experiences, attitudes, and values with students.

Encourage Cooperation among Students

Learning is enhanced when it is more like a team effort than a solo race. Good learning, like good work, is collaborative and social, not competitive and isolated. Working with others often increases involvement in learning. Sharing one's own ideas and responding to others reactions improves thinking and deepens understanding. Teachers do extra efforts for encouraging to students for this they can do: They have students participate in activities that encourage them to get to know each other. They can use collaborative teaching and learning techniques. They encourage students to participate in groups when preparing for exams and working on assignments. They encourage students from different races and cultures to share their viewpoints on topics discussed in class.

Encourage Active Learning

Learning is not a spectator sport. Students do not learn much just sitting in classes listening to teachers, memorizing pre-packaged assignments and spitting out answers. They must talk about what they are learning, write about it, relate it to past experiences, and apply it to their daily lives. They must make what they learn a part of themselves. Teacher is the main character who promotes, encourage and implement active learning strategy in his classroom. If he wants to make teaching learning process more effective then he applies active learning strategy for maximum content. For this teacher take initiative to encourage active learning strategy such as: Teacher asks students to present their work to the class. Teacher asks students to relate outside events or activities to the subjects covered in his courses. Teacher gives students concrete, real-life situations to analyze.

Conclusion



I hear and I forget
I see and I believe
I do and I understand

(Confucius)

Innovation in Teaching Methods is an effective approach to make positive change in students' behavior and attitude towards learning, to improve their motivation and engagement. The results of the change have two-sided nature – they can affect students' results and understanding of the educational content and create conditions for an effective learning process. Innovative teaching methodologies will lead to a learning society in which the creative and intellectual abilities of students will allow them to meet the goals of transformation and development. Active learning strategy is implemented in all types' school and colleges. It is very effective innovative method for school students and college students. Here we discussed about how we can use active learning strategy as an Innovative teaching method. Above discussion we found if class teacher use Innovative methods to present their subject content knowledge among student then learning definitely interesting and joyful. Students take interest and enhance their knowledge with help of these strategies. Researcher found that community, management, teacher and student are the four pillars of learning process. Both are the big supporter of Innovation in Education. Conclusion of my paper is that active learning strategy is more effective Innovative method in classroom.

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