

## 31. Education Improvement Technique

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Education of our society, has evolved in leaps and bounds in recent years. Traditional teaching techniques, based mainly on a teacher explaining a topic and students taking notes, may still be useful on occasion, but education today revolves more around encouraging the student to awaken their curiosity and desire to learn. A number of different teaching techniques have emerged due to this change in education. Many of these techniques are not new and arisen from the integration of technology in education. The use of technology in the classroom has simply given education a new lease of life allowing us to approach old ideas in new ways.

**Flipped Classroom:** The Flipped Classroom Model basically involves encouraging students to prepare for the lesson before class. Thus, the class becomes a dynamic environment in which students elaborate on what they have already studied. Students prepare a topic at home so that the class the next day can be devoted to answering any questions they have about the topic. This allows students to go beyond their normal boundaries and explore their natural curiosity.

**Design Thinking:** This technique is based on resolving real-life cases through group analysis, brainstorming, innovation and creative ideas. Although “Design Thinking” is a structured method, in practice it can be quite messy as some cases may have no possible solution. However, the Case Method prepares students for the real world and arouses their curiosity, analytical skills and creativity. This technique is often used in MBA or M.Tech classes to analyze real cases experienced by companies in the past.

**Self-learning:** Curiosity is the main driver of learning. As a basic principle of learning, it makes little sense to force students to memorize large reams of text that they will either begrudgingly recall or instantly forget. The key is to let students focus on exploring an area which interests them and learn about it for themselves.

**Gamification:** Learning through the use of games is one of the teaching methods that has already been explored especially in elementary education. This learning technique can be very effective at any age to keep students motivated. The teacher should design projects that are appropriate for their students, taking into account their age and knowledge, while making them attractive enough to provide extra motivation.

**Social Media:** A variant of the previous section is to utilize

social media in the classroom. Students today are always connected to their social network and so will need little motivation to get them engaged with social media in the classroom. The ways you can use teaching methods are quite varied as there are hundreds of social networks and possibilities.

**Free Online Learning Tools:** There is an array of free online learning tools available which teachers can use to encourage engagement, participation and a sense of fun into the classroom. Teachers can create an interactive and dynamic classroom environment using, for example, online quizzes to test student's knowledge. Here are some teaching strategies which could be tried to help the students be actively engaged in classroom. Find Out what motivates students, teach with technology, try some new teaching strategies, effectively communicate with visual aids. change your regular Daily Routine.

New Horizons on Education Inspired by Information and Communication Technologies: Nowadays, society is affected by the information and communication technologies (ICT), challenges that come with the Internet network and the World Wide Web. We are talking about e-society, e-commerce, e-learning, web of things and so on. First of all, ICT introduces e-learning which is a way to learn using networks with a distant tutor. Second, we have digital learning resources to manage, which gives new learning scenarios and disciplines. Third, we can access a lot of pedagogical resources over the world.

Recently, some studies present the finding that ICT are used without a mature integration in educational contexts. As result, sometimes there is no added value to the teaching/learning processes. Blended learning is a new direction to find how to integrate ICT tools to real classes so that the quality of teaching and learning will be really improved. The following set of recommendations are for good use of ICT for learning and move towards positive changes.

- ❖ Give opportunity and time to the children to learn ICT from beginning of their schooling.
- ❖ Define when and how to use ICT to improve each learning process with a dynamic way to bring equilibrium in a blended mode, face to face learning, e-learning and self- learning modes.
- ❖ Analyse the ICT needs in educational institution to implement an adapted information system.
- ❖ As with any other product, ICT are to be consumed in moderation.

ICT have to be used in adaptive way depending on the different parameters around the learning process to give positive new horizons. Consequently, the need to invent digital native methodologies for all subjects, at all levels will lead schools and universities to become learning organizations. As a result of the innovative culture of the learning organization, the employees feel the freedom to make decisions and respond to new events.

Using Blogs to Create a Constructive Learning

Environment Educational environments that support constructivism are particularly beneficial to student learning. They increase motivation and information retention by actively engaging learners in the development of their understanding. E-learning technologies, specifically social networking websites, are effective tools for creating constructive educational environments. Blogs are especially valuable platforms for constructive learning and can be tailored to support a wide range of educational concepts and activities. E-learning System in blended and virtual learning Environment enhances the Cognitive Skills and Creative Thinking for Learners in Higher Education.

Mapping the factors influencing creative teaching

- Practicality and teachers' creative behaviour are significantly related to teachers' behavioural intention to engage in creative teaching.
- Student expectation is significant for urban teachers, while school support is a vital factor for suburban and rural teachers.
- The expectation of colleagues is a significant predictor to teacher efficacy of creative instructional strategies.

The expectation of students is pivotal to teacher efficacy of creative student engagement.