

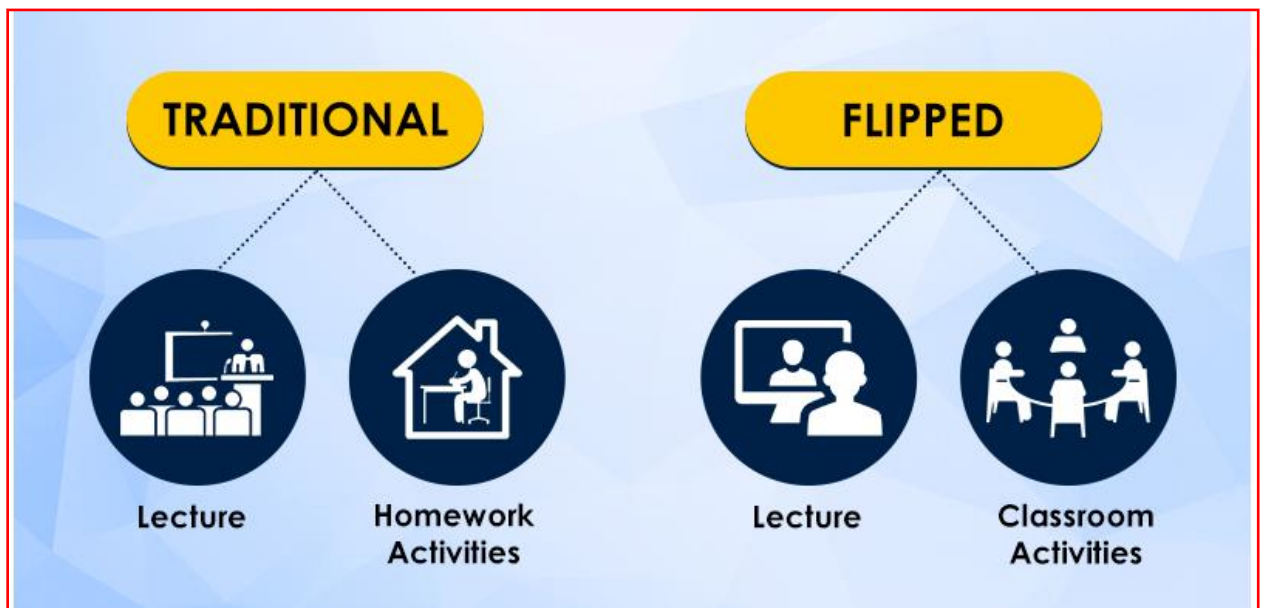
Innovative Practices in Teaching

The biggest challenge for any teacher is capturing each student's attention, and conveying ideas effectively enough to create a lasting impression. As a teacher, to tackle this challenge effectively, you should implement innovative ideas that make the classroom experience much more lovable for your students.

Methods to implement Innovative practices in Teaching

1. Flip the classroom: The Flipped Classroom is the latest revolution in teaching. It's a simple twist on the classic format lectures are recorded and shared for students to review ahead of class time, along with supplemental readings, videos, and other materials.

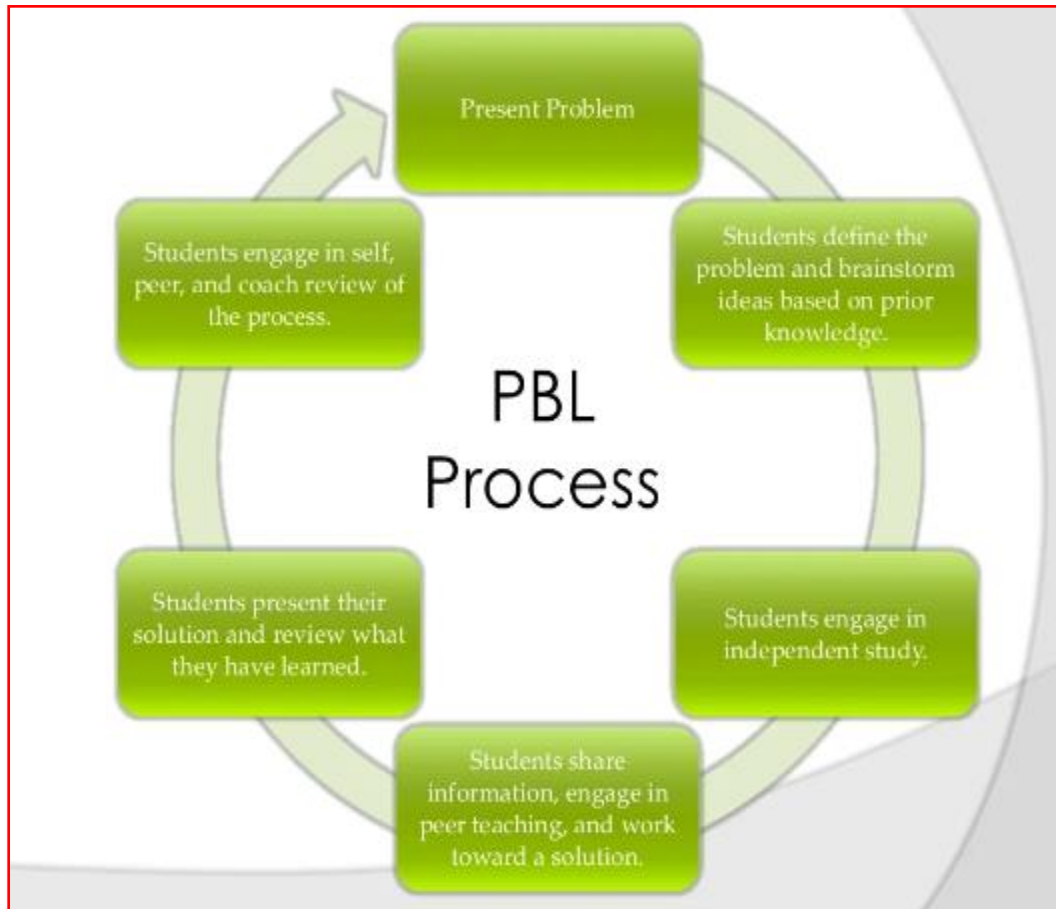
1. To make the classroom an active learning environment
2. To enable students to learn at their own pace, and
3. To give the instructor more time to teach each student individually, rather than the class as a whole.



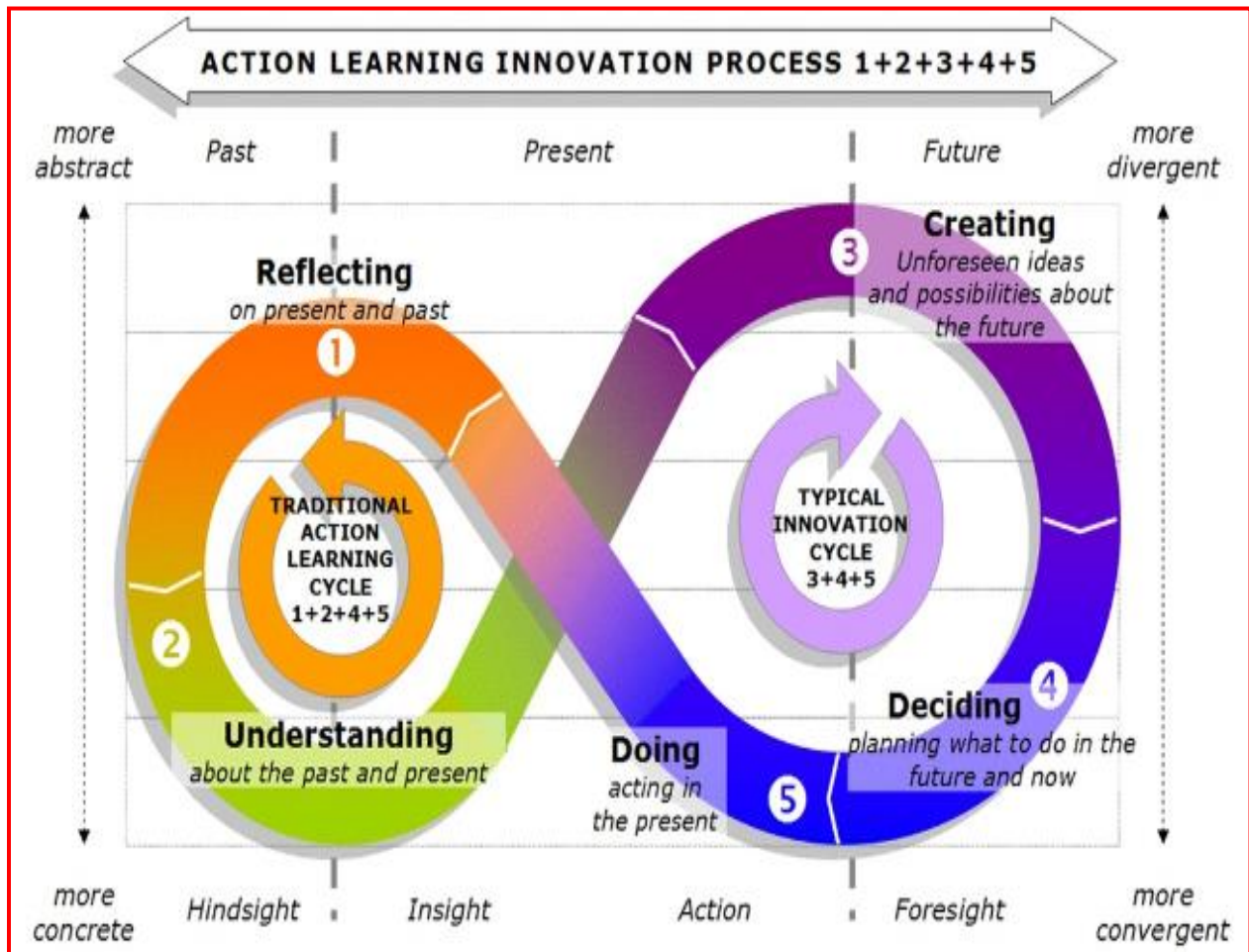
2. Problem-Based Learning (PBL): Problem-Based Learning (PBL) is a teaching method in which complex real-world problems are used as the vehicle to promote student learning of concepts and principles as opposed to direct presentation of facts and concepts.

Process for implementing PBL:

1. Articulate the learning outcomes of the project. ...
2. Create the problem. ...
3. Establish ground rules at the beginning to prepare students to work effectively in groups.
4. Introduce students to group processes and do some warm up exercises to allow them to practice assessing both their own work and that of their peers.



3 .Learning through Innovation: Promoting innovative ways of learning by combining it with real life challenges enhances the learning experience and helps encourage youth to find solutions to global and societal problems. Promoting Undergraduate Research (UR) is pivotal in providing an impactful college education.

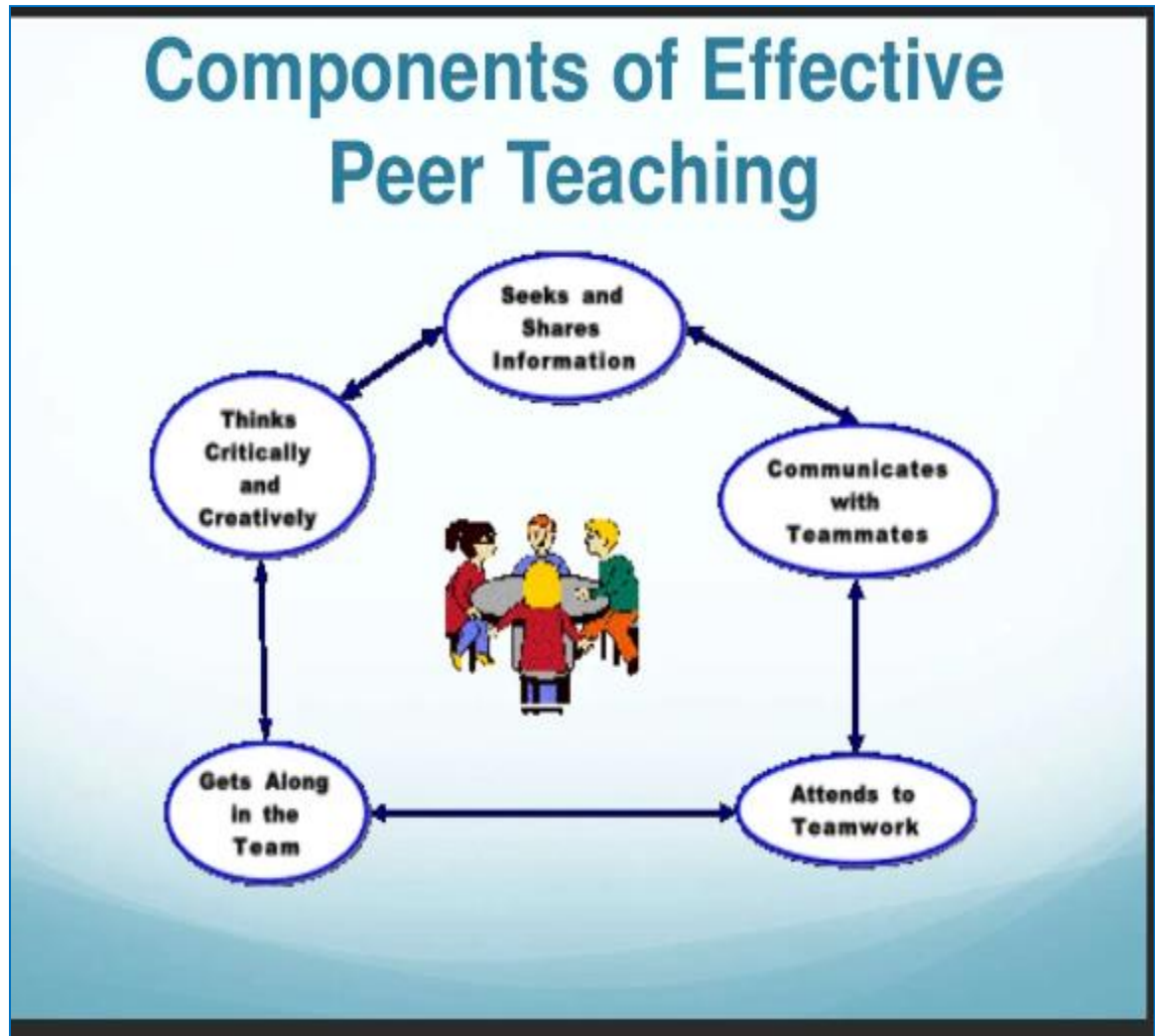


4. Peer teaching: Peer teaching is one of the best ways to master a particular subject. It is a method of teaching, where a student instructs another student, wherein the former will be an expert and the latter a novice.

Benefits of Peer Teaching:

1. Increased Literacy Scores
2. Developed Reasoning and Critical Thinking Skills
3. Improved Confidence and Interpersonal Skills

4. Increased Comfort and Openness –
5. Versatility

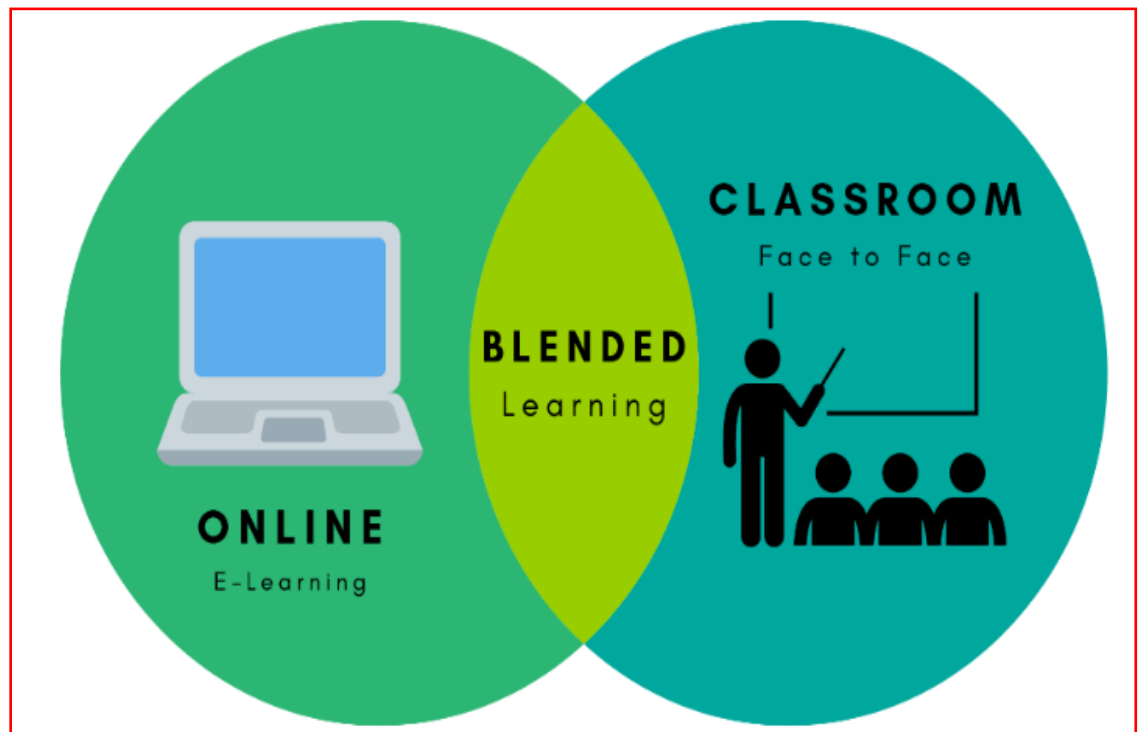


5 Blended Learning:

The idea of blended learning is that some students can benefit from doing part of their learning in a digital environment, and part of it face to face. The benefits of blended learning include the fact that many students can learn best independently, on their own time frame, and via interface with digital technology. At the same time, learning done in this virtual way is often best consolidated by in-person interactions. In many ways, blended learning combines the best of both worlds.

Blended Learning Models:

1. Rotation model
2. Flex model
3. Online Lab Model



6. Experimental Learning at Industry:

It is practical based approach learning. Here the students will directly interact with the industry persons and learn the concepts by conducting practicals in their workspace. It bridges the gap between industry and academic institutions in order to improve the technical skills which play a vital role in moulding their career.

