

# Constructivism

## Activities in constructivist classroom:

- ❖ Experiments
- ❖ Research project
- ❖ Field trips
- ❖ Films
- ❖ Class Discussions



## Role of Teachers: -

In the constructivist classroom the teacher role is to prompt and facilitate discussion.

The teachers' main focus should be on guiding students by asking questions, it will lead them to develop their own conclusions on the subject

## The constructivist classroom

Three major roles for facilitators to support students in constructivist learning environments are:

- Modeling
  - Coaching
  - Scaffolding
- ❖ A constructivist classroom environment provides opportunities for students to question the material being presented and explore various topics as their interests.
  - ❖ The goal is to produce a democratic classroom environment that provides meaningful learning experiences for autonomous learners.
  - ❖ In a constructivist classroom, by contrast the teacher and the student share responsibility and decision making and demonstrate mutual respect.
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## Benefits of constructivism in Teaching:


- ❖ Children learn more and enjoy learning
- ❖ Promote divergent thinking
- ❖ Education works best when it concentrates on thinking and Understanding rather than on rote memorization.
- ❖ Boost the confidence of learners
- ❖ Constructivism concentrates on how to think and Understand
- ❖ Promote collaborative learning
- ❖ Constructivism gives students ownership of what they learn, Since learning is based on students.
- ❖ Engaging the creative instincts develops student's abilities to Express knowledge through a variety of ways.
- ❖ Constructivism promotes social and communication skills By creating a classroom environment that emphasizes.

## Implications of Education:

### A constructivist teaching Sequence:

1. Elicitation of ideas
2. Orientation
3. Restructuring of ideas
4. Clarification and exchange
5. Exposure to conflict situations
6. Construction of new ideas

### Evaluation

7. Application of ideas
  8. Review change in ideas
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Research Suggest that constructivist teaching is an effective way to teach. It encourages active and meaningful learning and Promotes responsibility and autonomy.

Because constructivist teaching is beneficial in achieving desirable educational goals for students. It is important for teachers to grow professionally towards a constructivist Practice.

The teacher acts on the mind and conscience of the students in such a manner that they are able to unfold their hidden Potentials including regard.



## **Brighter side of constructivism:**

Constructivism concentrates learning how to think and understand.

Constructivist teacher develop skills and abilities to empower students and to make them feel competent and significant. Constructivist teaching also requires intelligence, creativity, patience, responsiveness and the ability to live. Some of the tenets of constructivist in pedagogical team are:

Students come to the class with an established world view, for students to change their world view requires work. Students learn from each other as well as from the teacher. Students learn better by doing, allowing and creating opportunities for all to promotes new ideas.



# REFLECTIVE TEACHER EDUCATION

## **Meaning:**

Reflective teacher education is a approach which 'intended to prepare teachers to become more thoughtful'.



## NEED FOR REFLECTIVE TEACHING

- ◉ Early professional development of teachers requires useful reflection on practice.
- ◉ The new and unfamiliar teaching role may have a serious and negative impact on student teachers' capacity and willingness to reflect constructively on their practice.
- ◉ If students are misbehaving - what were they doing, when and why?
- ◉ Reflective teaching help to evaluate and improve the quality of teaching.

## NEED CONTD...

- ⦿ According to NCF(2005) the process of preparing teachers in a new and improvised teacher education system should provide opportunities for self- learning, reflection and provide opportunities for understanding self and others.
- ⦿ Thus to better equip teachers, reflective teaching must become an integral component in the teaching process of pre-service teachers

## NEED CONTD ....

- ◉ A critically reflective teacher will--
  - Appreciates how students perceive.
  - Understand the institutions intentions towards the teachers in term of evaluation.
  - Design the lessons for deeper students learning.
  - Choose the evaluation methods for development and improvement in learning and teaching.

# REFLECTIVE THINKING

- ⦿ It considers personal achievements and failures and asks what worked, what didn't, and what needs improvement (Given, 2002).
- ⦿ Involves personal consideration of one's own learning.
- ⦿ It asks the learner to think about their own thinking.
- ⦿ Is therefore an approach of self-observation.

## CONTD....

- ⦿ Teacher education as a profession often requires teacher educators and student teachers to reflect upon their practices, link their reflections to theories and communicate in writing an understanding of the connection between the reflection and theory.
- ⦿ Reflection can be done through journal writing, keeping a daily diary, essay writing, drawing, and talking with peers. Reflection can follow a peer discussion.

# STRATEGIES

