Collaborative learning

Sem II, pedagogy of mathematics, unit II

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Definition

Collaborative learning is an educational approach to teaching and learning that involves groups of learners working together to solve a problem, complete a task, or create a product.

Collaborative learning is an educational approach to teaching and learning that involves group of learners working together to solve a problem, complete a task or create a product. Collaborative learning is based on the idea that learning is a naturally social act in which the participants talk among themselves. It is through the talk that learning occurs. Collaborative learning is a relationship among learners that requires positive interdependence (a sense of sink or swim together), individual accountability, interpersonal skills, face to face pro motive interaction and processing.

Assumptions about learning

- Learning is an active constructive process
- Learning depends on rich contexts
- Learners are diverse
- Learning is inherently social

Approaches



In a teaching situation you are likely to face challenges such as:

- How to help the pupils to acquire more knowledge?
- How to make learning more interesting for the pupils?
- How to motivate the pupils?
- How to challenge the pupils so that they can perform better?

One way to overcome this is through collaborative learning.

Why use collaborative learning?

- Pupils learn qualities of humility, self-control, fair play, patience and leadership.
- Builds pupils' confidence and character.
- promote pupils learning and academic achievement
- enhance pupil satisfaction with their learning experience
- help pupils develop skills in oral communication
- develop pupil's' social skills
- promote pupil self-esteem
- increase pupil retention
- develop a community of learners



Collaborative Learning - Teachers

- In CL, teachers do not regard themselves as the experts.
- Both teachers and students interact and combine their intellectual efforts to attempt to understand, explore and solve issues, generate ideas and create a collective product together.

Collaborative Learning - Students

 Students are involved in activities designed to explore course material instead of by being presented to them by the teacher.

ADVANTAGES OF COLLABORATIVE LEARNING

- Develops higher level of thinking skills.
- Promote student faculty interaction and familiarity.
- Increase students retention.
- Builds self esteem in students.
- Enhance student satisfaction with the learning experience.
- Promotes a positive attitude towards the subject matter.
- Develop oral communication skill.

- Promotes positive race relationship.
- Creates an environment of active, involved, exploratory learning.
- Uses a team approach to problem solving while maintaining individual accountability.
- Encourages student responsibility for learning.

LIMITATIONS

- Usually there is no sufficient time for true collaboration.
- In collaborative learning, teacher may not be able to monitor groups effectively.
- Teachers may have a difficult time going from instructor to facilitator.

CONCLUSION

collaborative learning is learning styles recommended for sound learning as well as the development of the cognitive structure and construction of knowledge. aim at active participation in the learning process .That is , reflect the message of participatory learning in which the learner are given the role of active participants , instead of remaining as passive recipients of knowledge transmitted by some expert.
