

CONTENT OUTLINE

Part-I	Competency-based Education
Module 3	Teaching in Competency-based Systems
Part-1	Teaching and Learning Design Principles: Base Pedagogy on Learning Sciences

1. The field of Learning Sciences

- Interdisciplinary field
- Implications for all aspects of school design and pedagogy

2. Seven cornerstones of the field of Learning Sciences

- Learning is an activity carried out by the active engagement of the learner.
- Learning does not occur through a fixed progression of age-related stages.
- Learning is a dynamic interaction of cognition, emotion and motivation.
- Learning process is enhanced through effective feedback.
- Learning is shaped by the way information is processed and transferred into long-term memory.
- Optimal learning and mastery of new skills take place when new information is associated with an already existing knowledge.
- Learning is a social process that takes place in a socio-cultural context.