

COURSE 3: LEARNING AND TEACHING

Learning and teaching important question <https://www.youtube.com/watch?v=BLHS1-AtdkQ>

Unit I Nature of learning <https://www.youtube.com/watch?v=q2U7QAY3xL8>

Learning: meaning and definition - elements of learning – basic principles of learning and their implications – rote learning vs. meaningful learning – principles and techniques of active learning and their implications – self learning.

Unit II Nature of Teaching

Teaching: Definition and meaning – Characteristics of good teaching – Views of great thinkers and philosophers on teaching - Becoming a reflective teacher and his characteristics - My goals as a teacher.

Unit III Behavioral Theories of Learning

Learning – meaning of learning as defined by behaviourists – classical conditioning (Pavlov) <https://www.youtube.com/watch?v=nn2jypSNHRM> – Law of effect (Thorndike) <https://www.youtube.com/watch?v=oBQgWKtmaUU> – operant conditioning and shaping (Skinner) <https://www.youtube.com/watch?v=jpJKr16zrt0> – social learning (Bandura) - Basic assumptions of behavioural theory <https://www.youtube.com/watch?v=iOrpL6P6qRM> – strengths and limitations.

Unit IV Cognitive and humanistic theories of learning

Learning – meaning of learning as defined by cognitive psychologists – Insight learning (Kohlberg) <https://www.youtube.com/watch?v=IXak1PpWMc4> – Modes of cognitive development (Bruner) <https://www.youtube.com/watch?v=8A92gxRG4Gw> – Stages of intellectual development (Piaget) <https://www.youtube.com/watch?v=002F1FpeCl0> – Learning styles (Kolb) – Self-actualization (Maslow) <https://www.youtube.com/watch?v=nqw81Leg7oQ> – Theory of a fully functioning person (Carl Rogers).

Unit V Theory of Constructivism

Constructivism – meaning and definitions - The nature of constructivist learners the role of teachers, the nature of learning process, collaboration among learners and pedagogical approaches to constructivism - Gagne's eight levels of learning.

Unit VI Learner- centered teaching <https://www.youtube.com/watch?v=ZK4zt9VEDmo>

Meaning - characteristics of learner-centered teaching/learner-centered learning. Need for learner-centered approaches in teaching advantages of learner-centered teaching vs teacher-centered learning, teaching – Learner - centered techniques of teaching and their advantages.

Unit VII Teaching in Diverse classrooms <https://www.youtube.com/watch?v=1yWKRh5dj5g>

Meaning and definitions of diverse classroom-Teaching in a diverse classroom-preparations of teachers of diverse classroom-Techniques of teaching in a diverse classroom/Diverse teaching strategies for diverse learners-effective teaching in a diverse class room-Diversity in the classroom.

Unit VIII Learning in and out of School

Purpose of learning in and out of school: what we know? and what we need to know? Importance of observation learning out of school- out of school learning: extending curriculum learning to the local area - approaches to learning outside the class room- learning for outside the classroom-advantages of learning outside the classroom.

Unit IX Teacher- Student Relationship

1. https://www.youtube.com/watch?v=6h40FRS_YZY
2. https://www.youtube.com/watch?v=nM_nX5VvaWc
3. <https://www.youtube.com/watch?v=bgG2LEND58U>
4. <https://www.youtube.com/watch?v=mxuYGdUvztM>
5. https://www.youtube.com/watch?v=nM_nX5VvaWc&t=8s

Meaning - Need for maintaining teacher-student relationship - inter-personal approach in classroom management - strategies for improving student engagement in learning - Healthy classroom management and academic achievement.

Unit X Teaching as a profession

Nature of teaching - Teaching as a profession - characteristics of effective and ineffective teaching - why teaching is the most important profession –Attitude of student-teachers towards teaching profession - Qualities of a professional teacher - Faculty development programmes - Teaching and Learning for sustainable future.