# Behaviorism, Cognitivism and Constructivism in Educational Contexts

| Learning Theory | Teaching ACTIVITIES | Expression of Learning |
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| Behaviorism | Learning outcomes (outcomes-based)LecturesDrill and practiceTestingImmediate feedbackPositive and negative reinforcement (grades, praise, etc.) | Recalling factsMotivated to learn through positive and negative reinforcementAbsorbing informationPerforming proceduresRote memorizationDeveloping skills necessary to perform procedures and tasks |
| Cognitivism | LecturesChunking contentGraphic organizers; chartsPre-tests/post-testsMnemonic devices; visual aidsHands-on activitiesCues, questions | Solving problemsOrganizing information Recalling prior knowledge and building on it to produce new knowledgeBreaking down complex problems into components |
| Constructivism | Mini-lecturesScaffolding (zone of proximal development)DebatesRole-playingCase studiesPeer instructionExperiential learningPair and group work | DiscussingReflectingQuestioningCreating new knowledge based on prior knowledge and personal experiencesRole-playingSolving problemsCollaborating with peers |