

Discovery

- Discovery learning is an active process of inquiry-based instruction.
- that encourages learners to build on prior knowledge through experience
- and to search for new information and relationship based on their interests.

Significance of discovery learning

• Tracy Bicknell-Holmes and Paul Hoffman explain that discovery learning has three main characteristics — exploration and problem solving, student-centered activities based on student interest and scaffolding new information into students' funds of knowledge.

- Participants learn to recognize a problem, characterize what a solution would look like, search for relevant information, develop a solution strategy and execute the chosen strategy.

- Discovery learning emphasized the process instead of the end product.

Students to develop deeper understandings.

- Discovery learning satisfies natural human curiosity and promotes individual interests.

- Encouraging a high level of student engagement.

Learning is active and students must participate in hands-on and problem-solving activities.