What is Problem-Based Learning?

PBL is a teaching method where students learn by solving real-world problems. Instead of being told facts, they discover them through exploration.

Example:
Learn *photosynthesis* → Take a test.

PBL: Classroom plants are dying → Why?
Students investigate and learn about photosynthesis while solving the problem.

Key Features:

- Student-Centered: Learners take charge of what they need to know.
- Real-World Problems: Open-ended, like real life.
- Collaboration: Students work in groups and share ideas
- Teacher as Guide: Teachers coach instead of lecture
- Self-Directed Learning: Students identify and fill their knowledge gaps