

Participants will recognize problem-based learning as a beneficial educational approach and choose to incorporate PBL activities in their own classrooms.

**Overall Course Objective**

Participants will understand what problem-based learning is and how it can impact learning.

**Unit 1**

Participants will successfully design their own problem-based learning activity for their own classroom.

**Unit 2**

Participants will define problem-based learning.

**Lesson 1**

Participants will identify various benefits of problem-based learning for learners.

**Lesson 2**

Participants will identify the various aspects that make a specific PBL activity successful.

**Lesson 3**

Participants will design a PBL activity to use in their own biology classroom.

**Lesson 4**

Intrinsic motivation

Higher-level reading skills

Write clearly

Metacognitive awareness

Critical thinking skills

Creative thinking