



ONLINE: Inquiry-based Learning

“I love how this course caters to student curiosity, and lets the kids lead the class.” – Guadalupe R.

Preparing teachers for 21st century students requires a close look at what it means to teach and learn in increasingly networked, technology-rich, digital classrooms. Schools and teachers need to thoughtfully and intentionally design learning environments and tasks in which teachers explore issues that are relevant while developing pedagogies that are effective for a knowledge era. Utilizing new images and acquiring new expertise facilitates meaningful learning with technology.

This course offers a framework for teachers to plan lessons that promote Inquiry-based Learning (IBL). Starting with explaining a need for such a shift in education, the course shows how an IBL classroom works. Through multiple classroom examples, teachers are able to understand what specific and new roles they play and how to encourage student initiative, while ensuring that the focus remains on productive matters.



The Inquiry-based Learning course details some models that teachers can adapt to meet specific needs of their class, as well as to monitor and enhance the learning of their students. Teachers learn practical and dynamic ways of evaluating their students' progress while also incorporating technology for better results.

Standards:

This course aligns to all of the INTASC Standards including Learner Development, Learning Differences, Learning Environments, Content Knowledge, Assessment, Planning for Instruction and Instructional Strategies.

The course also aligns to the McRel Teacher Evaluation Standards including Teacher Leadership, Diverse Learners, Teachers Know Content and Teachers Facilitate Learning.

Each self-study PD course from Professional Learning Board includes:

- **Convenient access** anytime, anywhere, any device
- Interactive **online** textbook
- Implement **practical suggestions** immediately
- Demonstrate comprehension with **quizzes** and checks for understanding
- Print **certificates** of completion
- Easily assign courses to align with each teacher's **personalized PD needs**
- **Integrate** with school and district-wide initiatives
- **Low cost solution for all courses, all teachers, all school year**
- **Reports** for school administrators



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Course Outline

LESSON 1

Introduction to IBL

- The need of an Inquiry Based Learning (IBL) approach and knowing the constituents involved.
- Academic research that supports IBL.
- Differences between IBL and traditional education.
- Define roles of teachers and students.

LESSON 2

Inquiry-based Learning Model

- The need for a model to apply the IBL approach.
- Various models developed by academicians.
- Practical applications of the inquiry model for teaching lessons.
- The emotional trajectory of an inquiry process.

LESSON 3

Designing IBL

- The foundations for IBL through effective lesson plans and activities.
- Ways to classify students based on their understanding and experience with IBL.
- Manage the dynamic classroom environment.
- Principles and methods of assessing students.

LESSON 4

Enhancing the IBL Classroom

- Creation of a support system for effective inquiry-based learning.
- Use of technology to enhance the IBL experience.
- Technology as a tool for professional development.
- Web tools that can help at different stages of inquiry.