

Inquiry-based Learning



Standards:

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

It also aligns to the McRel Teacher Evaluation Standards including Teacher Leadership, Teachers Know Content, Teachers Facilitate Learning and Teachers Analyze and Reflect.

This course offers an Inquiry-based Learning (IBL) framework for teachers. Through practical classroom examples, teachers learn how to encourage student initiative, evaluate student progress, and incorporate technology.

Teachers explore IBL models that can be adapted to meet the specific needs of their class, as well as monitor and enhance student learning.

Design thoughtful and intentional learning environments where you can explore relevant issues and develop effective pedagogy.



Certificate of
Completion



100% Online



Quiz

Inquiry-based Learning

Course Outline

LESSON 1: Introduction

- 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 IBL foundations for 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



5 Hours
of Learning



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