

Learning Strategies for the 21st Century



Standards:

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

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

Schools need to intentionally design learning environments where teachers can effectively explore issues and develop relevant pedagogies.

To equip teachers, the first section promotes an Inquiry-based Learning (IBL) framework for lesson planning. Through multiple classroom examples, teachers are shown what roles they play and how they can encourage student initiative.

In the second section, teachers are shown how they can implement collaborative learning and develop successful learners. This framework enables teachers to recognize characteristics of collaborative classrooms, be aware of student and teacher roles, and practice group activities as an essential part of classroom learning.



1 CEU



100% Online



Quizzes

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Course Outline

SECTION A: Inquiry-based Learning

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 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

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SECTION B: Classroom Collaboration

LESSON 1: Introduction to Collaborative Learning

- What is collaborative learning and why should students collaborate?
- Collaboration vs. Traditional Approach
- Benefits and Importance of collaborative learning
- Overview on effective collaboration in the classroom
- Alignment of collaboration to State Standards
- The Collaborative Learning Model

LESSON 2: Collaborative Tools and Strategies

- Characteristics of a collaborative teacher
- Grouping strategies and designing grouping assignments
- Collaborative learning techniques, web tools, and projects for collaboration
- Interactions and activities in a collaborative classroom
- Around the world collaboration
- Resources for collaboration

LESSON 3: The Collaborative Classroom

- Characteristics of a collaborative classroom
- Student and teacher roles in a collaborative classroom
- Preparing for collaborative activities
- Examples of classroom collaboration and collaborative learning spaces
- Managing today's classroom

LESSON 4: Assessment, Accommodations, and Challenges

- Collaborative assessment
- Approaches to collaborative assessment
- Challenges in a collaborative classroom and conflict resolution
- School-wide policies to promote collaboration

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