Pedagogy Package (45 Hours)

The courses in this online PD package help teachers utlize technology in the classroom. The package includes an overview of curriculum development, classroom organization, guided reading, literacy in the classroom, examining student work, IBL, and more!

The Pedagogy Package includes 3 self-study courses (15 hours each) for a total of 45 hours of professional development.

- Literacy Across the Curriculum
- Pedagogy Essentials
- Raising Academic Achievement

Literacy Across the Curriculum

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.

Reading should be a meaningful activity that is focused on comprehension and understanding. When students struggle with a specific subject matter, the underlying reason is often identified as under developed reading skills. The strategies in this course are imperative for all educators to help their students become proficient readers.

The first section helps teachers understand how to assess reading skills in the classroom and plan instruction accordingly. The second section equips educators to empower their students with confidence when handling tough text. The third section explores reading difficulties while introducing strategies for dealing with these issues and reducing the gap.

Certificate of Completion

100% Online

Quizzes

Literacy Across the Curriculum

Course Outline

SECTION A: Reading Across the Curriculum

LESSON 1: Research

- The importance and nature of the 'reading' skill
- Language development in the early years
- Implications of different levels of daily language exposure
- How the brain processes what we already know and have experienced to develop reading skills

LESSON 2: Reading Assessments

- Diversity of students' reading abilities
- The purpose of reading assessments and components
- Common reading assessments and their usage
- Cloze and CARI to measure reading performance

LESSON 3: Basic Reading Strategies

- Basic reading strategies and accessing results
- Essential elements and traditional lesson formats
- Pre-reading, the reading process, and post-reading
- Effective ways to extend the life of the text beyond the lesson

LESSON 4: Reading Across Content Areas

- Scaffolding a common textbook to support varying reading levels using four steps
- Using different books on a common topic or learning objective to meet differing needs
- Question-Answer Relationships (QARS)
- Effectively approaching different structures of texts

Literacy Across the Curriculum

Course Outline

SECTION B: Tackling Tough Text

LESSON 1: Comprehension

- The importance of building students' self-efficacy to ensure learning
- The need for appropriate background knowledge and reading strategies
- Strategies for teaching reading comprehension
- Go beyond traditional teaching models toward participatory literary practices
- The Reading Comprehension Checklist

LESSON 2: The Checklist

- The roadmap to activate students' background knowledge
- Understanding essential steps while working with the checklist, to ensure an internalization of the reading comprehension process
- The value of pre-reading in making stronger readers, and the four steps involved

LESSON 3: Working with Questions

- Understanding how to label and analyze questions that accompany the text

LESSON 4a: Time to Read

- Beginning the final part of the checklist; the actual reading of the text
- The process of identifying and underlining five key words in the text
- The recommended sequence of answering questions
- The importance of emphasizing students' self-confidence

LESSON 4b: Evaluating the Checklist

- The practical aspects and benefits of using the checklist in the classroom
- Using the evaluation in the checklist to identify areas where students need more help
- Understanding the need for tough text levels and the significance of the checklist

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Literacy Across the Curriculum
Course Outline

SECTION C: Guided Reading

LESSON 1: An Overview

- Integrating guided reading into the classroom curriculum
- The pros and cons of traditional vs guided reading groups
- The foundational principles of guided reading
- Impact of guided reading, and its implementation across grades

LESSON 2: Procedure

- Implement a guided reading program to match individual student needs
- Manzo's 9 Steps to improve reading comprehension
- Strategies to provide differentiated instruction
- Stages of reading and assessing student levels by specific characteristics

LESSON 3: Strategies

- Implementing guided reading by integrating strategies
- Tips for implementing age-appropriate strategies to match student age and intellect
- The scope and implementation of guided reading for ELLs (English Language Learners), CCNs (Complex Communication Needs) and students with special needs
- Understanding the application of guided reading across curriculum
- The challenges faced during guided reading

LESSON 4: Resources and Organization

- Practical tips for effective implementation of the Guided Reading Program
- Managing student behavior
- Learning the key to staying organized
- Assessing the reading level of students
- Using technology effectively for guided reading groups

15
15 Hours
of Learning

Convenient Access:
Start Right Away

Resources & Tools for
Professional Learning Plans

Pedagogy Essentials

Standards:

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

'Pedagogy' is both the science and art of education. In the teaching practice, there is often a disconnect between the theory and the reality. This course is designed to target and bridge that gap.

The first section examines how teachers use research based strategies to choose efficient instructional methods and improve student achievement.

The second section considers how teachers can develop an effective curriculum.

The third section explores practical teacher organization. You will be provided with resources that assist you in providing the best instruction and assessment for students with the least amount of time and effort.

Certificate of Completion

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Quizzes

Pedagogy Essentials

Course Outline

SECTION A: Research-based Instructional Strategies

LESSON 1: Introduction

- The importance of education and a review of educational achievement statistics
- The benefits of incorporating research proven instructional strategies in the classroom
- Myths related to learning and teaching and the truth revealed through research

LESSON 2: Teacher-focused Approaches and Strategies

- Developing reflective practice
- The learning process
- A look at research-based student learning and achievement strategies
- Classroom application of strategies and approaches

LESSON 3: Active Learning

- The importance of active student participation and engagement
- Student engagement and active learning
- Research-based strategies
- Activities and projects

LESSON 4: Research-Based Strategies for Literacy and Math

- The importance of literacy
- The elements required to develop good reading skills
- Research-based strategies on improving students' reading skills
- The importance of developing one's writing skills
- Research-based strategies on improving students' writing skills and classroom applications of the same
- The importance of math in real life situations and the need for developing one's math skills

Pedagogy Essentials

Course Outline

SECTION B: Curriculum Development

LESSON 1: Introduction

- Curriculum development
- Curriculum vs. Syllabus
- Effective curriculum
- Curriculum planning

LESSON 2: Developing a Standard-based Curriculum

- Standard-based curriculum
- Yearlong curriculum
- Elements of a long-term scope and sequence of curriculum
- Types of curriculum maps
- Backwards planning
- Creating a unit plan
- Preparing an effective lesson plan

LESSON 3: Curriculum Integration

- Curriculum and levels of Integration
- Approaches of integration
- Interdisciplinary curriculum
- Benchmark descriptors of interdisciplinary curriculum
- Models of curriculum integration
- Implications of implementing an integrated curriculum

LESSON 4: Curriculum Evaluation

- Defining curriculum evaluation
- Need for evaluation
- Types and models of curriculum evaluation
- Criteria for evaluation
- Phases of curriculum evaluation
- Tools for evaluation

Pedagogy Essentials
Course Outline

SECTION C: Classroom Organization for the 21st Century

LESSON 1: Being an Organized Teacher

- Understanding the purpose and benefits of classroom organization
- Examining the reality of stress and burnout among teachers
- The traits of an organized teacher
- What makes a teacher organized?
- Classroom examples

LESSON 2: Organizing Your Classroom

- The overarching goals of organizing the classroom space and activities
- Effective classroom layout and design
- Managing classroom material - such as submissions and resources - efficiently
- Organizing classroom activities, including independent, group, and whole class work
- Strategies to manage and track student behavior positively, during lessons and through transitions

LESSON 3: Ten Tech Tools for Organized Teaching

- Essential considerations behind using tech to organize your classroom and teaching
- Ten useful tools/apps to organize teaching responsibilities, and the classroom applications of each

LESSON 4: Classroom Applications

- Planning for continuous assessments in the classroom and methods to carry them out effectively
- Working within a teaching team, partnering and preparing to be a substitute
- Organizing parent partnerships at both one-way and two-way levels
- Getting classroom projects and events efficiently planned and carried out
- Ensuring windup is productive, for teachers and students, at a daily and annual level

15 Hours
of Learning

Convenient Access:
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Resources & Tools for
Professional Learning Plans

Raising Academic Achievement

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.

Teachers learn to identify students who are struggling academically and address academic interventions for support.

This course helps teachers gain skills in improving curriculum and implementing inquiry-based learning to increase academic achievement. Teachers learn to adjust existing evaluation practices to create effective and dynamic evaluation methods that assess student work, while ensuring that the educational focus is on teacher and student development.

Certificate of Completion

100% Online

Quizzes

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Raising Academic Achievement

Course Outline

SECTION A: Raising Academic Achievement through Standards

LESSON 1: Standards and Academic Interventions

- Standards in education
- Differentiating between core instruction, accommodations, modifications, and interventions
- Academic interventions, classroom intervention plans, and understanding warning signals of students at risk

LESSON 2: Response to Intervention

- Response to Intervention (RTI)
- Connecting RTI and the standards
- Essential components of RTI
- Tiered interventions
- Challenges when implementing RTI

LESSON 3: Literacy Interventions

- Importance of literacy skills
- Problems students face in literacy
- Standards in English Language Arts/Literacy
- Academic interventions for struggling readers
- Academic interventions for students struggling with writing skills

LESSON 4: Math Interventions

- Importance of math
- Problems students face
- Standards in math
- RTI and math
- Specific interventions for improving math skills

Raising Academic Achievement

Course Outline

SECTION B: Examining and Evaluating Student Work

LESSON 1: Introduction

- Meaning of assessment and why it is needed for growth
- Considering criticism of assessment methods
- What constitutes a well-designed assessment?
- Tools of holistic assessment

LESSON 2: Effective Grading Process

- The key to consistent assessment
- Learning to grade group work
- Practical tips for handling complaints
- Creating rubrics to assist the grading process

LESSON 3: Examining Student Work

- Introduction to examining student work and research that supports it
- Drawing teachers into an inquiry-based learning experience
- Examining student work to change practice
- Turning apprehensions into learning opportunities

LESSON 4: Planning, Process and Takeaways

- Planning and carrying out ESW meetings
- Choosing appropriate student work samples
- Facilitating collaborative work
- Using protocols for smooth functioning

Raising Academic Achievement
Course Outline

SECTION C: Inquiry-based Learning

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

15
15 Hours
of Learning

Convenient Access:
Start Right Away

Resources & Tools for
Professional Learning Plans