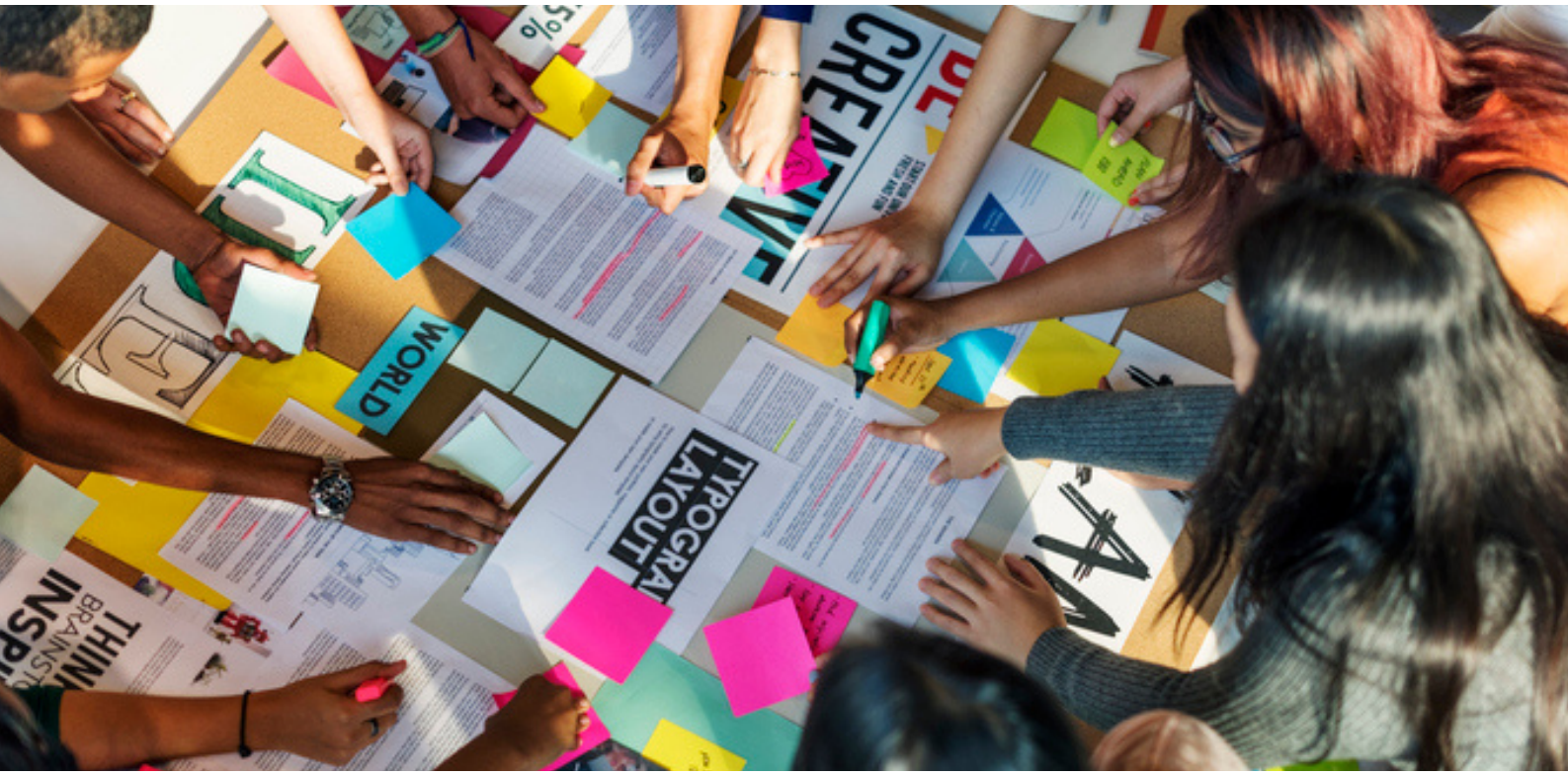
Assessments Across Curriculum Package (50 Hours)

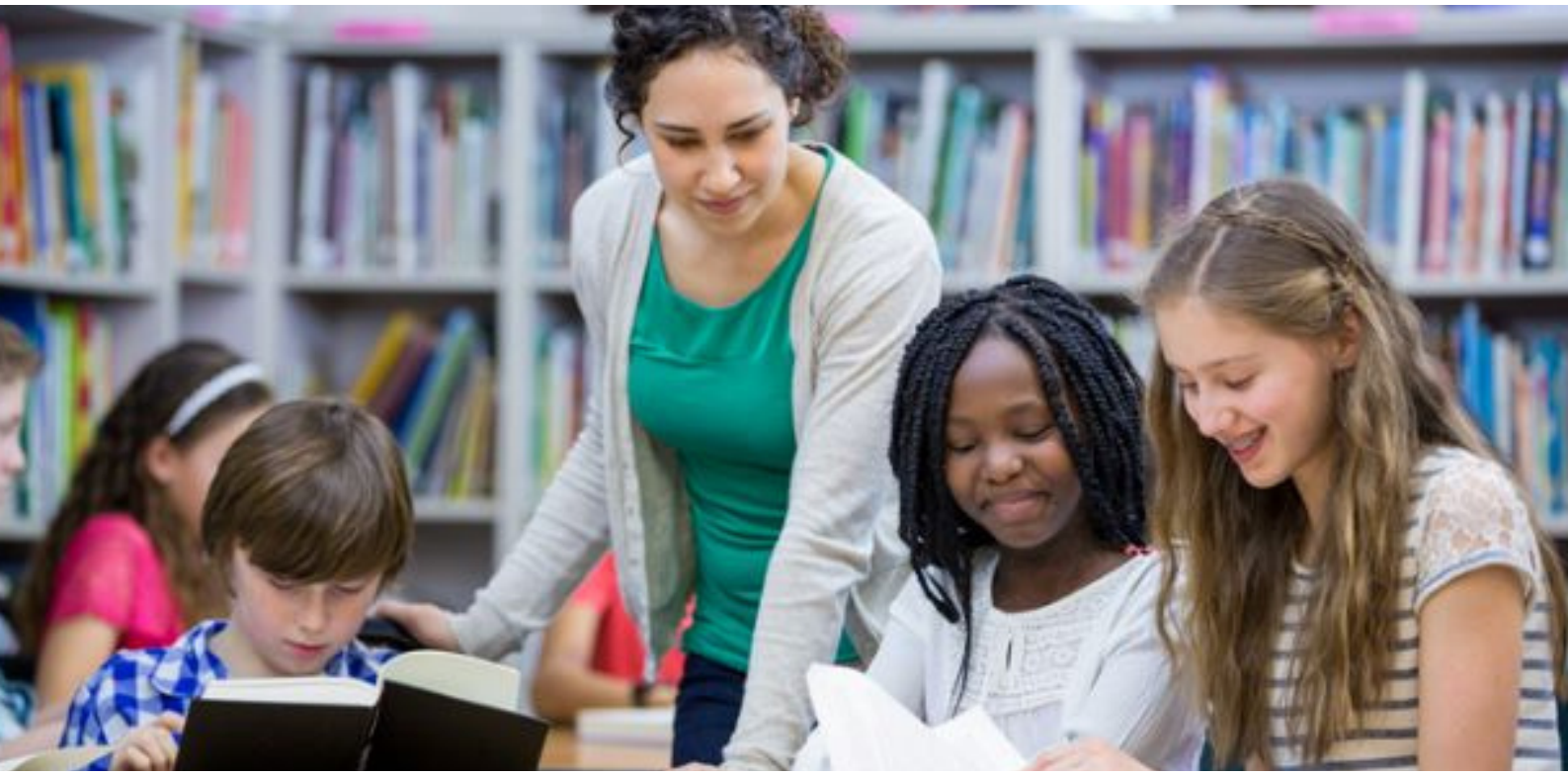


This online course package breaks down jargon so teachers can easily implement assessments in the classroom. The classes in this package go beyond helping a teacher to "simply use assessments" and includes samples that can be built upon for DIY rubrics, lessons, and standards.

The Assessments Across Curriculum Package includes 10 self-study courses (5 hours each) for a total of 50 hours of professional development.

- Assessment Strategies
- Enhancing Instruction through Standards
- Formative Assessment
- Integrating Standards in Teaching
- Mathematics for All Teachers
- Raising Academic Achievement through Standards
- Rubrics in Teaching and Learning
- Standards-based Instruction through STEM
- Student-centered Learning
- Student Portfolios

Assessment Strategies



Standards:

This course aligns to the INTASC Standards including Learner Development, Learning Differences, 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.

Assessments are not confined to year end tests and grades. They are meant to be a part of daily teaching and learning. Good assessments are powerful – they may be used to change the way teachers teach, students learn, and sometimes even what is taught.

This course will help teachers design an assessment process that will provide a reliable and valid evaluation of their students. Strategies for assessing Reading and Math skills are explored in detail. Assessments may be seen as an opportunity for teacher professional development. From updating teaching strategies to modifying curriculum to tailoring instruction, assessments may enable both teachers and students to achieve their goals.

Certificate of Completion

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Quiz

Assessment Strategies

Course Outline

LESSON 1: Classroom Assessment Strategies

- Exploring Standards with a brief introduction
- Elaborating on different kinds of assessments including summative and formative assessments
- Connecting learning to the real world beyond classrooms

LESSON 2: The Assessment Process

- Defining and providing information on various assessment related terms, including evaluation and validity; and concepts such as sound assessment design and effective communication
- Explaining the assessment process including writing objectives and analyzing data

LESSON 3: Assessment and Evaluation Strategies

- Detailing assessment strategies regarding Reading: including before and after reading strategies and related concepts
- Analyzing in-depth the strategies relating to Mathematics: including higher order thinking, reflective prompts and self-questioning

LESSON 4: Assessment Challenges and Professional Development

- Exploring the challenges of assessments as opportunities for professional development
- Reiterating the integral part of assessments in education and providing information on available resources

5 Hours
of Learning

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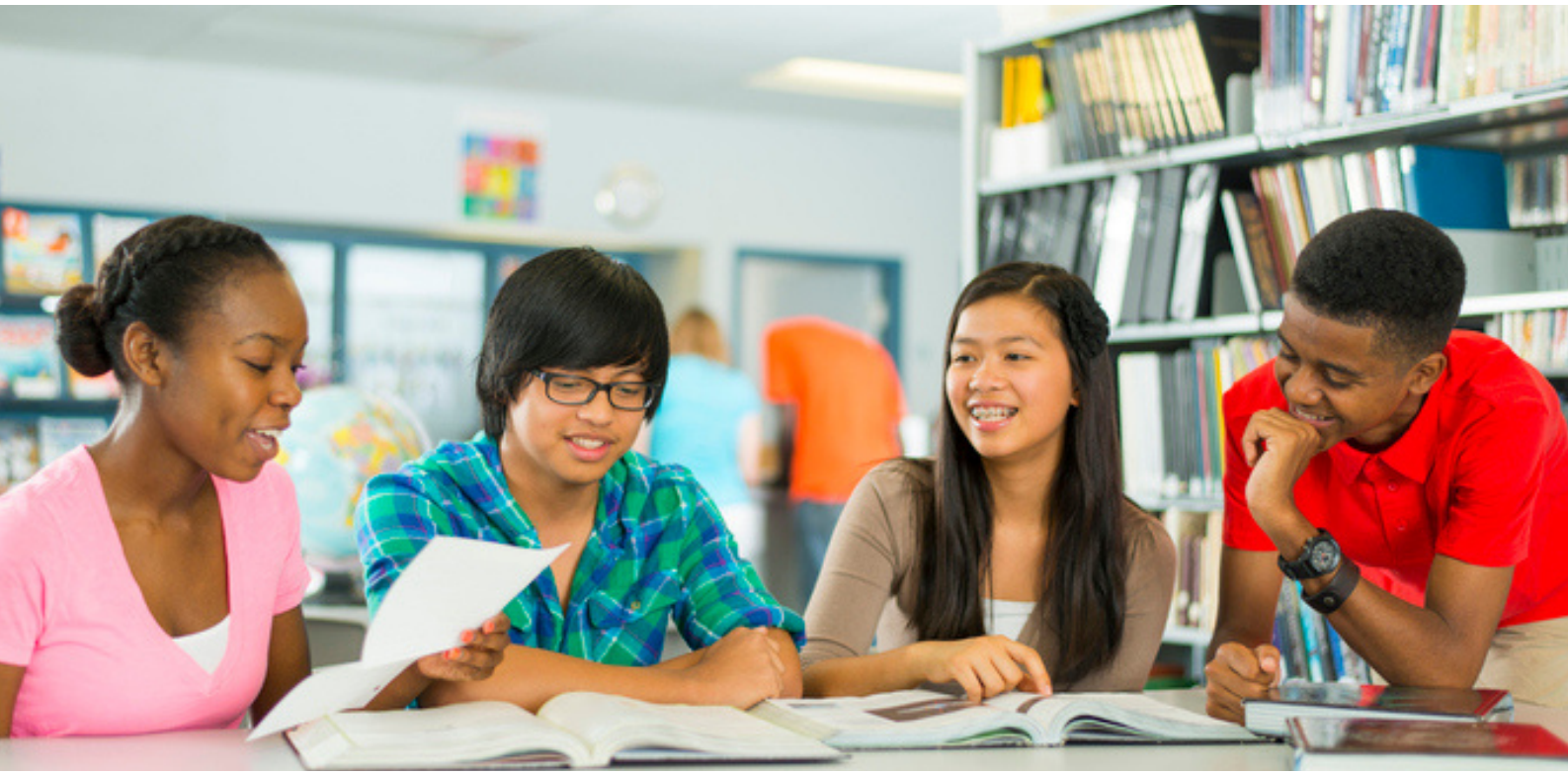
Resources & Tools for
Professional Learning Plans

Enhancing Instruction through Standards



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Explore practical ways to integrate the Standards into your classroom instruction and enhance student learning experiences. This course provides an insight into the roles of teachers and students in the implementation of standards by integration of proven strategies like collaborative learning, differentiated instruction, and technology.

This course is filled with resources, ideas, and techniques to test the will and the skills of every school leader and teacher, so that every student receives consistent, high-quality instruction. Teachers are provided with instructional strategies to handle the different forms of negative behavior that surface in the classroom.

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Quiz

Enhancing Instruction through Standards

Course Outline

LESSON 1: Understanding Standards

- Introduction to standards
- Integration of differentiated instruction, in response to student readiness
- Incorporation of the four models of blending learning: rotation model, flex model, a la carte model and enriched virtual model

LESSON 2: School-wide Instructional Changes

- Requirements of the standards for students leaving high school
- Analysis of the literacy components such as reading, writing, speaking & listening, and language
- Making mathematics practical with the collaboration of standards of mathematics
- School-wide steps to implement Standards in mathematics, English, and language arts
- Using extended school days, an extended school year, after-school tutoring, and multi-tiered interventions to meet the rigors of the standards

LESSON 3: Classroom Instructional Strategies

- Classroom instructional strategies that help teachers meet the standards
- Examining techniques to help students interact successfully with new knowledge
- Approaches to hypothesis generation and testing
- Application of classroom understanding to real world problems
- Ways to establish and maintain effective relationships with students

LESSON 4: Standards-based Behavior Management

- Role of teachers as behavior managers, to reinforce class-wide behavioral standards
- Understanding on-task and off-task behaviors
- Application of Response to Intervention (RTI) model
- Classroom management plan that summarizes the important routines, procedures,
- and consequences
- Ideas and techniques to make learning an ongoing, dynamic, and enjoyable process

5 Hours
of Learning

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Resources & Tools for
Professional Learning Plans

Formative Assessment

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.

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Formative assessments allow teachers to respond to a student's needs quickly, and, even more importantly, allows the student to shape instruction. Effective formative assessments result in instruction that meets the needs of each student.

In this innovative online course, teachers learn about and implement formative assessments. Discover and demonstrate for yourself, your students, and your community what happens when students are truly learning.

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Quiz

Formative Assessment

Course Outline

LESSON 1: The Essentials

- Concepts behind and purpose of formative assessment
- Practical strategies that may be used to implement formative assessment
- Commonly used formative assessments, including teacher observation, questioning, rubrics, essays, and peer assessment
- Benefits of each strategy and how they can be used effectively

LESSON 2: Nuts and Bolts

- The process of formative assessment
- Concepts behind goal mastery
- The importance of feedback, reports, visual depiction, and celebration in formative assessment
- Designing lesson plans that integrate formative assessment

LESSON 3: Making Connections

- The role of assessment in standards-based education
- Formative and summative assessments, and the difference between the two

5 Hours
of Learning

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Integrating Standards in Teaching

Standards:

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We're told that a standards-based curriculum is supposed to increase student learning and promote higher student achievement, but what is it really all about?

This course helps educators untangle what turns out to be the not-so-mysterious-language of today's teaching and learning, and put successful strategies into practice.

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Quiz

Integrating Standards in Teaching

Course Outline

LESSON 1: Standards

- What standards are and the difference between content and performance standards
- Challenges that teachers and schools face while integrating standards
- About the standards

LESSON 2: Integrating Standards

- Integrated curriculum
- Levels of integration
- Discipline integration, combined integration, multidiscipline integration, interdisciplinary integration, trans disciplinary integration, and how these can be implemented in the classroom

LESSON 3: Impact on People, Instruction and Planning

- The teacher's role and the student's role in planning
- Procedural and conceptual knowledge
- Evaluating standards and building a framework in order to implement them
- The importance of learning objectives

LESSON 4: Principles of Assessment

- Pre-assessment
- Difference between formative and summative assessments
- Concepts related to designing and implementing assessments including backward design and testing
- Principle of authentic assessment

5 Hours
of Learning

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Resources & Tools for
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Mathematics for All Teachers

Standards:

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Mathematics education is evolving - instead of just solving questions on paper, it's all about practical application. Math is also connected with every other subject taught in the classroom. This course will help all teachers gain confidence in integrating math effectively into their teaching practice.

Teachers will understand math practices, application of math through standards, and the different ways a teacher can enhance student learning. This course encourages teachers to set up their classroom in a way that increases student involvement and makes math real and fun for everyone.

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Quiz

Mathematics for All Teachers

Course Outline

LESSON 1: Introduction

- History of mathematics
- The truth about math
- Discrediting the different math myths
- The solution to math anxiety

LESSON 2: Math Practices

- Mathematics redefined
- NCTM and CCSS standards related to math
- Mathematical practices and strategies to employ in the classroom

LESSON 3: Facilitating Student Learning

- Motivation theories and how to apply them in the classroom
- Different learning styles
- Understanding brain power
- Content knowledge and application

LESSON 4: Setting Up

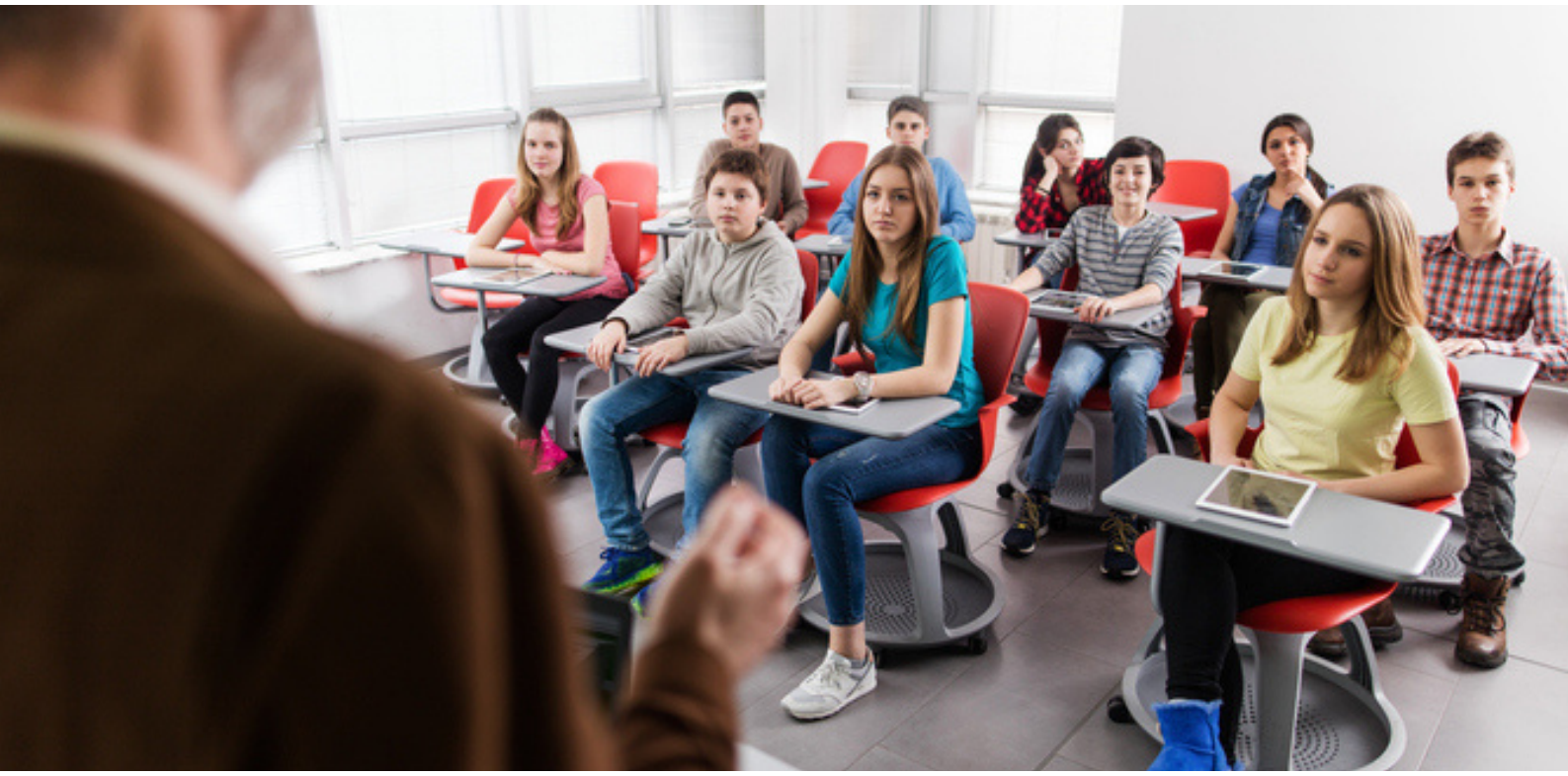
- Math and group work
- Making connections between math and real life
- Using mathematical tools
- Encouraging persistence, providing novelty, and differentiating instruction while teaching math

5 Hours of Learning

Convenient Access: Start Right Away

Resources & Tools for Professional Learning Plans

Raising Academic Achievement through Standards



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In the past, students who were failing were often sent for special education services whether or not they really needed it. However, the education system today aims to help all students succeed in the general educational setting. In such a setting, teachers play a critical role in identifying those who are struggling to learn and succeed in academics and intervening with help.

This course provides educators with information about academic interventions that can be incorporated in the classroom through frameworks — such as the RTI — or even in the absence of such structures.

Certificate of Completion

100% Online

Quiz

Raising Academic Achievement through Standards

Course Outline

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

5 Hours
of Learning

Convenient Access:
Start Right Away

Resources & Tools for
Professional Learning Plans

Rubrics in Teaching and Learning

Standards:

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

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A rubric is more than an assessment.

By using consist grading, teachers can provide quality formative and summative feedback for students at periodic intervals throughout the year.

Teachers use rubrics to grade a wide range of student work, including: solo projects, group work, portfolios, homework assignments, book reviews, and tests.

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Quiz

Rubrics in Teaching and Learning

Course Outline

LESSON 1: Introduction to Rubrics

- The purpose, significance and characteristics of rubrics in education
- Different types of rubrics
- Learning to choose rubrics to match specific needs

LESSON 2: Design and Implementation

- Stages in designing a rubric based on required criteria
- Identifying the online resource required
- Seeking feedback and teacher assessment of one's own rubric

LESSON 3: Rubrics in Instruction

- How to use rubrics to enhance instructional effectiveness
- Integrating rubrics into different subjects
- Identifying and meeting diverse learning needs

LESSON 4: Rubrics in Assessment

- Usefulness of assessment rubrics and description of its different elements
- Role of a teacher in developing and implementing effective assessment rubrics
- Assessment rubric based on standards and teacher self-assessment rubric

5 Hours
of Learning

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Start Right Away

Resources & Tools for
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Standards-based Instruction through STEM

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.

STEM integration doesn't need a huge budget, lots of technology, or a ready-to-use curriculum. It's something any teacher, any school, and any classroom can integrate.

No one knows your students better than you. That's why this course is designed to equip and encourage you to integrate STEM education into your classrooms in ways that you think are most suitable for your students. You will learn how to plan your classroom set-up, design your own STEM curriculum, and integrate standards.

STEM education is not just about doing what's "cool." It is essential that students learn how to apply what they learn in real life situations and across different subjects.

Certificate of Completion

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Quiz

Standards-based Instruction through STEM

Course Outline

LESSON 1: Introduction

- Definition of STEM
- Need for STEM
- Three STEM program attributes and five different STEM program models

LESSON 2: Setting Up for STEM

- Characteristics of STEM students and teachers
- Understanding STEM in the context of Math and Science
- Integrating STEM into any classroom
- Choosing appropriate STEM material and curriculum

LESSON 3: STEM Standards and Assessments

- Shared standards that are internationally benchmarked
- Challenges and benefits of successful STEM assessments
- Assessments for elementary, middle, and high school classrooms
- Benefits, opportunities, and challenges of STEM integration

LESSON 4: Designing STEM PK-12 Curriculum

- Integrating STEM into elementary, middle, and high-school classrooms
- Designing STEM instruction for the year
- Writing individual STEM units using science, math, technology, and literacy standards
- Implementing effective lessons in the classroom

5 Hours
of Learning

Convenient Access:
Start Right Away

Resources & Tools for
Professional Learning Plans

Student-centered Learning

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Teachers committed to student development look forward to lively, stimulating, and effective learning environments where their students are self-motivated, able to build on what they already know, and equipped for the real-world.

The student-centered learning approach provides a fitting framework for designing a classroom that shifts focus from the basic implementation of standardized curriculum and assignments to a more creative, organic facilitation of subject content and student activity.

This course presents resources, research-validated strategies, and practical examples to equip teachers with the necessary toolkit to seamlessly turn their classrooms into student-centered environments.

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Quiz

Student-centered Learning

Course Outline

LESSON 1: Introduction

- Meaning, characteristics, and principles of Student-centered Learning
- Comparison between teacher-led and student-centered approaches
- Dispelling myths regarding student-centered classrooms
- Student-centered learning and the standards

LESSON 2: Setting Objectives and Providing Feedback in the SCL Classroom

- Developing student-centered learning objectives
- Facets of understanding
- Staying on track through learning logs
- Assessment and feedback techniques

LESSON 3: SCL Strategies for the Classroom

- Understanding the teacher's role in a student-centered classroom
- Teaching and learning methods
- Ensuring student motivation
- Classroom strategies for integrating SCL techniques

LESSON 4: Setting up for Success

- Potential of technology in key areas of learning
- Tools that enhance learning in student-centered classrooms
- Getting parents involved in learning
- Extending learning opportunities outside of school hours

5 Hours
of Learning

Convenient Access:
Start Right Away

Resources & Tools for
Professional Learning Plans

Student Portfolios

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Successfully integrate portfolios to enhance student development and become an essential part of teaching and learning.

The practical tips and suggestions provided in this course will take teachers through the process of implementing portfolios in their classrooms. The resources included show teachers how to capitalize on a student's natural tendency to save work, get them to take a second look, and critically analyze how they can improve future work.

Rich in examples, suggestions, and tips for teachers, this course aims to enhance the teaching and learning experience for students.

Certificate of Completion

100% Online

Quiz

Student Portfolios

Course Outline

LESSON 1: Process and Benefits

- Research on student portfolios
- Portfolio benefits and their contribution to learning
- Characteristics of the portfolio process
- Adding power to portfolios with parents as mentors
- Logistics and management of both paper and digital student portfolios

LESSON 2: Types of Portfolios

- In-depth analysis of the types of student portfolios
- Primary stages of the process, working and showcasing portfolios
- Examining the role of teachers as 'portfolio advisors'
- Potential challenges of the portfolio process, and practical tips to overcome them

LESSON 3: Digital Portfolios

- Digital portfolios and their 21st century relevance
- Types of digital portfolios and their practical implementation
- A systems approach to planning an impressive portfolio
- Examining the key aspects of effective implementation of digital portfolios
- Web tools to help students create digital portfolios

LESSON 4: Portfolio Assessment

- Benefits of portfolio assessment for both students and teachers
- Formative versus summative assessment of student work
- Implementing a scoring system with rubrics, presenting results
- Brief overview of the assessment process, focus, and criterion
- Considerations for portfolio assessment

5 Hours
of Learning

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Start Right Away

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