



Renew a Teaching License

by Professional Learning Board

Assessment Across Curriculum Package (50 Hours)

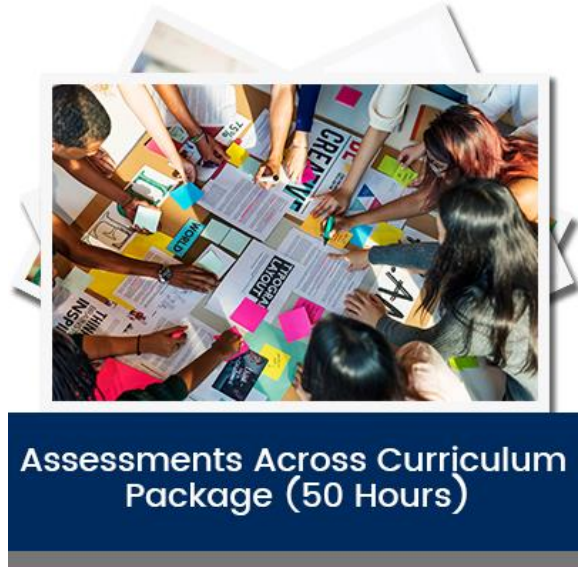
“Great information and helpful suggestions to approach interventions”

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.

1. Assessment Strategies
2. Enhancing Instruction through Standards'
3. Formative Assessment
4. Integraing Standards in Teaching
5. Mathematics for All Teachers
6. Raising Academic Achievement through Standards
7. Rubrics in Teaching and Learning
8. Standards-based Instruction through STEM
9. Student-centered Learning
10. Student Portfolios

10 Online Courses (5 hours each) = 50 TOTAL Hours
Includes FREE PD Tracker





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ONLINE: Assessment Strategies

“These strategies have helped me design my assessments to align with common core standards.”
– Alma P.

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 to be taught.

Assessment Strategies is an online course that 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 be used to enable both teachers and students to stay on course to achieve their goals.



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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- Interactive **online** textbook
- Implement **practical resources and tools** in your classroom
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ONLINE: 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



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ONLINE: Enhancing Instruction through Standards

“I appreciate all the resources included with this course.”

– Sharae F.

Explore practical ways to integrate the Standards into your classroom instruction to 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 provides teachers with a wealth of resources, ideas and techniques to test the will and the skills of every school leader and teacher, with every student receiving every student receiving consistent, high-quality instruction in every classroom, school-wide every single day. Teachers are provided with instructional strategies to handle the different forms of negative behavior that surface in the classroom.



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ONLINE: 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 and English 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, based on Dr. Robert Marzano's Art and Science of Teaching Framework
- 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 for student behavior management
- Classroom Management Plan that summarizes the important routines, procedures and consequences
- Ideas and techniques to make learning an ongoing, dynamic and enjoyable process



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ONLINE: Formative Assessment

***“Finally, formative assessments are easily explained.
Thank you.***

Your information on rubrics was amazing.”

– Lisa L.



Three years ago Brian Creasman became principal of a “low performing” high school and was confronted with these two questions. A high school classified as “low performing” obviously is not a title any teacher, administrator, student or parent wants for their school.

Out of everything (curriculum alignment, effective instructional strategies, etc.) Mr. Creasman learned that for an assessment to be effective, it should also be formative. Keep in mind that effective formative assessments result in instruction that meets the needs of each student. Formative assessments allow teachers to respond to the needs of the student quickly, however more importantly it allows the student to shape instruction. The formative assessment program there continues and is constantly changing for the better.

Take the next step. Learn about and implement formative assessments in your school to discover and demonstrate for yourself, your students and your community what happens when *a school moves in this direction and you know students are truly learning.*

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ONLINE: 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



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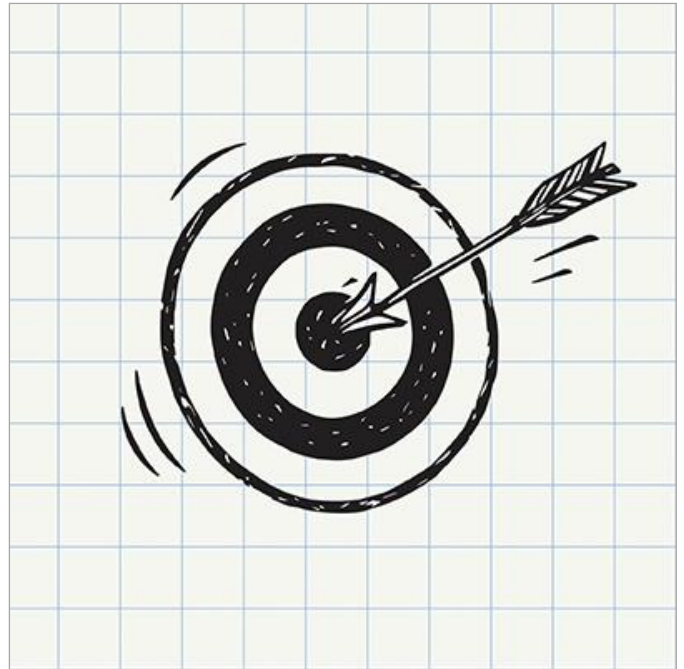
ONLINE: Integrating Standards in Teaching

“This course was more informative on understanding the terminology than I got from any school district in my 37 years of teaching.”

- Renee F.

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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ONLINE: 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 Common Core standards

LESSON 2: Integrating Standards

- Integrated Curriculum
- Levels of integration
- Discipline Integration, Combined Integration, Multidiscipline Integration, Interdisciplinary Integration and 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



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ONLINE: Mathematics for All Teachers

“This course opened my eyes to the importance of making sure math is not just a repetition of practicing problems but making sure it is relevant to the children’s lives.”

- Jennifer A.

Math is a subject that is very connected with every other subject taught in the classroom. This course is designed to help any teacher gain confidence in areas related to mathematics and the common core. It is a great start for teachers looking to implement STEM and other models of integrated education.

Mathematics for All Teachers helps teachers understand math practices and application of math. It helps teachers understand ways in which these practices can be incorporated into any classroom, explains the different ways a teacher can enhance student learning, and encourages teachers to set up their classroom in a way that increases student involvement and makes math real and fun for everyone.

Mathematics education is changing today and is no more just about solving questions on paper. It’s all about application and using math in real ways. This course will help equip Math, Science, Language Arts and Social Studies teachers to gain confidence in integrating math effectively in their teaching practice. And so much more!

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ONLINE: Mathematics for All Teachers

Course Outline

LESSON 1: Math for All

- History of Mathematics
- Standards and Mathematics today
- The truth about Math
- Discrediting the different math myths
- The solution to math anxiety

LESSON 2: Standards-based 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 conceptual basis of math facts and procedures
- Teacher attitudes about Math

LESSON 4: Reaching Standards

- Math and Group Work
- Making connections between math and real life
- Using mathematical tools
- Encouraging persistence, providing novelty, and differentiating instruction while teaching math
- Assessing students and encouraging self-assessment
- Modifying the physical classroom setting to promote learning



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ONLINE: Raising Academic Achievement through Standards

“This course offered new learning and reinforced and renewed prior learning. Many great activities and strategies to implement.”

- Judith C.

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.

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ONLINE: Raising Academic Achievement through Standards

Course Outline

LESSON 1: Standards and Academic Interventions

- Understanding standards in education
- Understanding and 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

- Understanding 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 intervention

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



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ONLINE: Rubrics in Teaching and Learning

Be consistent, yet quick, in marking all student assignments.

A rubric is much more than an assessment too. Provide quality formative and summative feedback for students at periodic intervals throughout the year by using consistency when grading student work.

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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ONLINE: Rubrics in Teaching and Learning

Course Outline

LESSON 1: Introduction to Rubrics

- Exploring the purpose, significance and characteristics of rubrics in education
- Identifying 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

- Understanding 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 teacher in developing and implementing assessment rubrics effectively
- Assessment rubric based on Common Core Standard and teacher self-assessment rubric



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ONLINE: Standards-based Instruction through STEM

“The practical examples, units, plans, and research articles gave the class depth.”

- Jennifer M.

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. This course teaches you how.

We understand that no one knows your students better than you. Therefore, 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 keeping in mind the needs of your students. You will also become confident to design your own STEM curriculum, while integrating the standards, including the Common Core Standards.



STEM education is not just about doing what's “cool” and “in.” It is essential in today's world that our students learn to apply what they learn in real life situations and across different subjects. The STEM model helps prepare our students for the 21st century.

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ONLINE: Standards-based Instruction through STEM

Course Outline

LESSON 1: Basics of STEM

- 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 Curriculum PK-12

- 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



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ONLINE: Student-centered Learning

“This course was a great reminder to put my students first, and had some good ideas for how to do it.”

– Roberto L.

Teachers committed to real development in their students 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 building such an environment 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. Some questions answered in this course include – Why is there a need for teachers and schools to change their approach to education? How does the Student-centered Learning approach compliment achieving the Common Core standards? What is the teacher’s role in this new learning environment?

This course also details principles of Student-centered Learning. It includes a comparison of teacher-led classrooms and student-centered classrooms, developing student-centered objectives, facets of understanding, practical teaching methods that can be used, and several online tools that will help achieve success.

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ONLINE: Student-centered Learning

Course Outline

LESSON 1: Introduction to Student-centered Learning

- 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



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ONLINE: Student Portfolios

"I love the idea of having something for parents and students to look back on that represents their learning throughout the year."

– Holly W.

Successfully integrate portfolios to enhance students' 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, with factual information clearly linking student learning to the actual goal. Teachers will be introduced to the concept of using portfolios as assessment tools, and the advantages of their implementation to both teachers and students. The resources included show teachers how to capitalize on the students natural tendency to save work, get them to take a second look and critically analyze how they can improve future work.



Questions answered in this course include – How do teachers take on the role of 'portfolio advisors', and guide students through the process of creating and maintain portfolios? What is the relevance of a portfolio? What are the objectives of an effective portfolio? Rich in examples, considerations, suggestions and tips for teachers, this course aims to enhance the teaching and learning experience for students.

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ONLINE: Student Portfolios

Course Outline

LESSON 1: Process and Benefits

- Research on student portfolios
- Portfolio benefits and their contribution to learning and development of 21st century skills
- 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: Life Skills

- In-depth analysis of the types of student portfolios
- Primary stages of process, working and showcase portfolios, with practical examples
- Examining the role of teachers as 'portfolio advisors'
- Potential drawbacks of the portfolio process, and practical tips to overcome these
- Giving legitimacy to student portfolios by extending audience beyond the classroom

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 in the classroom
- 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
- Brief overview of the assessment process, focus and criterion
- Implementing a scoring system with rubrics, presenting results
- Considerations for portfolio assessment