Learning Sciences MARZANO CENTER TEACHER & LEADER EVALUATION

Learning Sciences International LEARNING AND PERFORMANCE MANAGEMENT

TEACHER ONLINE STUDY

PROGRAM DESCRIPTION

Designed by Dr. Robert Marzano and Learning Sciences International, the Teacher Online Study is a program to support effective teaching that incorporates the most current research and practices for highly effective classroom instruction. Online courses are specifically designed around the use of research-based strategies within the context of each domain, to produce the greatest gains in student learning. This program of study provides job-embedded professional development experiences for teachers with relevant activities that allow them to apply their learning directly to their daily work with students.

Online courses feature printable articles, learning guides, assessments, classroom videos, expert commentary, and instructional tools.

Learners progress through courses at their own pace in a self-study version. Each course provides approximately 4-6 hours of professional development (Exception: Element Study Courses are designed for differentiation. Learners choose what Design Questions or Elements to focus on, which in turn determines time spent.)

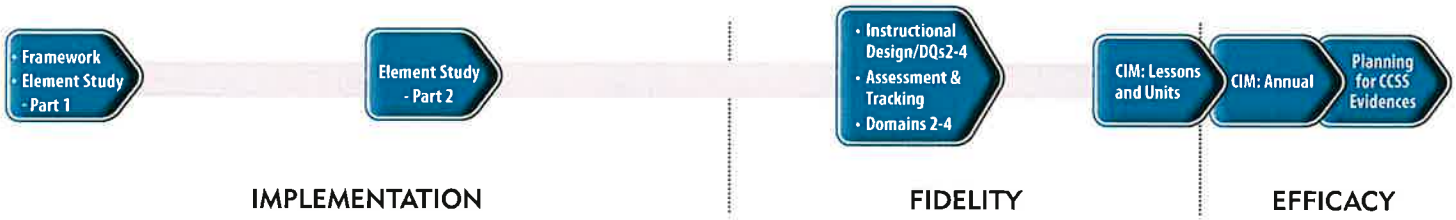
PREREQUISITE

Each course should be taken in succession. Subsequent courses will build and deepen knowledge presented in the previous course.

PREPARATION RECOMMENDATIONS

- The Art and Science of Teaching: A Comprehensive Framework for Effective Instruction (all courses)
- Handbook for the Art and Science of Teaching (all courses)
- Designing and Teaching Learning Goals and Objectives (Instructional Design/Design Question 2-4)
- Formative Assessment and Standards-Based Grading (Assessment & Tracking)
- The Highly Engaged Classroom: Classroom that Work Series
- Becoming a Reflective Teacher (CIM: Annual)

Please see next page for detailed course descriptions.



ONLINE PROGRAM TO SUPPORT EFFECTIVE TEACHING PROGRAM OF STUDY

1. Framework

- Articulates the impact of using research-based instructional strategies within the appropriate lesson segments to produce gains in student achievement
- Introduces the 10 design questions and lesson segments of the Art and Science of Teaching
- Identifies characteristics of highly effective teachers
- Unpacks the Learning Map: Overview and Pre-Conditions of Learning
- Introduces the concept of desired effect at the design question level

2. Element Study – Part 1 (Teachers and Observers)

- Focuses on identifying, classifying and understanding the 41 elements of Domain 1
- Articulates the connection between elements and the desired effect of the design question
- Introduces the desired effect of each element
- Element How-To's

3. Element Study – Part 2 (Teachers)

- Introduces the nuances of the developmental scale
- Takes an in-depth look at how monitoring, the tipping point for student achievement, looks different in each lesson segment and element
- Provides practical examples of monitoring across grade levels and subject areas
- Element How-To's

4. Instructional Design/DQ 2-4

- Identifies the purpose for the spiraling cognitive complexity of DQs 2-4 in regard to long-term memory
- Deepening understanding of planning tools
- Makes the connection between DQs and CCSS and further explains how these DQs support mastering CCSS
- Creating Scale for Rigor: Provides the tools to monitor if your instruction has the rigor involved in CCSS

5. Assessment and Tracking

- Defines formative assessments and standards-based reporting to track student progress toward learning goals
- Provides effective feedback strategies to help students achieve focused learning goals
- Analyzes the difference between formative and summative assessments
- Offers ways to report student progress that is consistent with standards-based systems

6. Domains 2-4

- Examines cumulative strength of Domains 2-4
- Provides an in-depth study of the elements involved in Domains 2-4
- Compares the different scale levels for each element in Domains 2-4
- Supports teacher planning for how to be innovative in Domains 2-4
- Offers ways to prepare for the observation cycle: planning and reflection conferences

7. CIM: Lessons and Units

- Examines the continuous improvement cycle of the lesson and unit
- Focuses on student outcomes and how to use data collection to meet the needs of all students
- Introduces planning and reflection tools
- Focuses on student outcomes and how to use data collection, reflection and action to meet the needs of all students

8. CIM: Annual

- Examines Deliberate Practice Research
- Examines the continuous improvement cycle involved in deliberate practice
- Articulates how to create, use and monitor a dynamic growth plan
- Examines using data for professional growth

9. Planning for CCSS Evidences

- Examines the Marzano CCSS Evidences Protocol and relation to cognitive processes (DQ 2-4)
- Provides video samples to identify and critique CCSS evidences
- Provides subject area specific planning tools to implement the rigor of CCSS
- CCSS How-To's