



2012 Professional Development Catalog



- **Common Core State Standards**
- **English Language Arts**
- **Mathematics**
- **Science**
- **Technology**
- **English Language Learners**
- **Improved Instruction**

***Winter
2012***

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**To schedule a workshop for your school or district,
call our main office at:**

973-335-5343 or toll free 866-293-8839

or email

Megan@standardssolution.com

**Our low flat fee of \$1,800 per diem provides your
school or district with one presenter for a morning
and an afternoon session.**

The Common Core State Standards

Understanding the Common Core for English Language Arts

Description: This workshop offers a comprehensive look at the Common Core State Standards in English Language Arts. Participants will examine the construct of the new standards as designed for different grade levels, considering key areas of change and the greater emphasis on informational text overall. This interactive workshop explores the progression of key concepts and skills as students move through different grade levels. Finally, participants will consider the impact the new standards will have on instruction and assessment.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 ELA Instructors, Curriculum Specialists, and Administrators

Understanding the Common Core for Mathematics

Description: This workshop offers a comprehensive look at the Common Core State Standards for mathematics. Participants will learn about the new construct of the standards, the far reaching expectations, and suggestions for curriculum alignment and practice. This hands-on workshop will provide educators with a strong understanding of the Mathematics Common Core, as well as practical suggestions for exceeding them.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 Math Instructors, Curriculum Specialists, and Administrators

Common Core Applications for English Language Learners

Description: This workshop presents specific methods that instructors can employ to assist their students in the classroom by providing a framework of understanding, activities, and resources. Any educator that provides instruction to ELL students should attend this valuable workshop in order to prepare students for the rigorous expectations of the Common Core.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades K-12 Instructors, Curriculum Specialists, and Administrators

Common Concerns of the ELA Common Core - Text Complexity, the Conventions of Standard English, and Vocabulary Development

Description: The Common Core for ELA establishes many new and complex requirements that will have a powerful impact on the methods and quality of English instruction. At the conclusion of the workshop, your instructors will know how to evaluate the Lexile score and text complexity of chosen literature and will be ready to make strong selections for supplemental informational texts. Additionally, participants will also learn methods for integrating grammar, mechanics, and vocabulary into daily practice.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades K-8 Instructors, Curriculum Specialists, and Administrators

K-5 ELA Common Core - Reading Foundation Skills

Description: The ELA Common Core State Standards establish many new requirements for teaching concepts of print, the alphabetic principle, and other basic conventions of the English writing system. In this hands-on workshop, instructors will receive many resources to use when applying the CCSS Reading Foundation Skills concepts in the classroom.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades K-5 Instructors, Curriculum Specialists, and Administrators

Aligning the ELA Common Core Standards in Secondary History/Social Studies, Science, & Technical Subjects

Description: With the adoption of new ELA standards, it will be challenging for secondary History/Social Studies, Science, and Technical teachers to understand how they can align current practice with their new literacy requirements for their content areas. During this workshop, instructors will gain insight into these new expectations, as well as learn specific activities and strategies to align practice in a meaningful way.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades 6-12 Instructors, Curriculum Specialists, and Administrators

English Language Arts

Balancing Act: Teaching Reading Effectively

Description: With many components contributing to a balanced literacy approach, it is important for educators to have a shared understanding of each component. During this workshop, teachers will probe the different components: Guided Reading, Independent Reading, Modeling, Shared Reading, and Systematic Word Study. With this new common understanding, teachers can implement a more effective, consistent reading program.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 Mathematics Instructors, Curriculum Specialists, and Administrators

Literacy Centers & Work Stations

Description: While meeting with a guided reading group, teachers are often challenged to keep other students engaged in independent and shared activities. This workshop explores literacy centers or work stations, a key component of balanced literacy programs. Participants will practice constructing activities that are meaningful and not mere busy work. They will explore constructive independent reading activities that require metacognition. Additionally, participants will explore task cards and tiered activities as a means of differentiating instruction.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades 1-8 ELA Instructors, Curriculum Specialists, and Administrators

An Integrated Approach to Reading and Writing

Description: Separating reading and writing instruction was a trend in schools for many years. However, in an effort to provide a seamless English curriculum, more schools are integrating reading and writing instruction again. This workshop explores the benefits of such integration and offers teachers hands-on experience creating integrated writing units for their literature.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades 3-8 ELA Instructors, Curriculum Specialists, and Administrators

Strategies to Enhance Narrative, Descriptive, and Expository Writing

Description: This workshop provides teachers with activities and lessons to enhance students' narrative, descriptive, and expository writing. Teachers will explore ways to help students color their narrative and descriptive pieces with tone and imbue them with forward movement to hold the reader's attention. They will also be introduced to the "Bridge Structure," a powerful matrix for writing expository paragraphs with deep support for their topic sentences.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades 6-12 ELA Instructors, Curriculum Specialists, and Administrators

Authentic Writing Experiences in Language Arts Classrooms

Description: Authentic writing experiences encourage students to write for real audiences and real purposes. These assignments engage and motivate students with their high-interest nature. During this workshop teachers will consider how to best integrate authentic writing experiences into their existing curriculum. They will also create writing assignments that can be used immediately with their classes.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 Mathematics Instructors, Curriculum Specialists, and Administrators

The Collaborative Classroom: Developing Analytical Thinkers in Elementary Reading

Description: In the complex modern world, the ability to think critically and independently is essential. This workshop explores collaborative techniques such as think-pair-share and its variations, literature circles, logic games, and puzzles as techniques for building analytical thinking skills in young learners.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades K-5 ELA Instructors, Curriculum Specialists, and Administrators

Higher-Order Fluency – A Socratic Approach

Description: Many districts find that their lowest cluster in reading is analyzing and critiquing text. The items associated with this cluster require students to think beyond the text. This workshop shows educators how they can use collaborative methods and the Socratic Approach to elicit higher-order thinking skills from their students.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades 6-12 ELA Instructors, Curriculum Specialists, and Administrators

Stronger Persuasive Essays

Description: During this workshop, instructors gain a clear understanding of the format and content for a persuasive analytical essay. This hands-on workshop displays many techniques and activities that instructors can use in their classrooms such as: debate, color-coded elements, and simple-to-make classroom bulletin boards that display the forms of arguments and supports used for persuasive analytical essays.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades 6-12 ELA Instructors, Curriculum Specialists, and Administrators

Lessons in Logic: Constructing a Strong Argument

Description: This workshop will provide teachers with activities and lessons to move students from Persuasion to Argument, as required by the CCSS. Areas of focus include inductive and deductive reasoning, types of fallacious reasoning to be avoided, and how the tone and structure of the Argument Essay differ from the Persuasive Essay.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades K-12 ELA Instructors, Curriculum Specialists, and Administrators

Mathematics

Mathematics, Teaching, & Learning: From Best Practice to Curriculum & Beyond

Description: This workshop will assist educators to conceptualize and connect with best practices in teaching and learning mathematics. The goal of this workshop is to assist schools in developing a common vision for their mathematics curriculum and practice. With the adoption of the Common Core State Standards and the need for improved practice, this workshop will provide a framework for excellence in math curriculum and practice.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 Mathematics Instructors, Curriculum Specialists, and Administrators

Teaching Measurement and Geometry through Student-Centered Activities

Description: Student-centered activities provide greater opportunity for student engagement. In this workshop, participants will learn strategies for teaching measurement and geometric concepts through student-centered activities. All activities will include concepts and skills needed to be successful on state testing. Additionally, participants will examine the relationship between the state's former Mathematics Standards and the new Common Core State Standards in Mathematics. Templates and materials for all activities will be provided.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades 3-8 Mathematics Instructors, Curriculum Specialists, and Administrators

Teaching Algebraic Concepts through Student-Centered Activities

Description: Student engagement is the key to good instruction. This workshop will focus on student-centered activities and interactive bulletin boards as ways to teach algebraic patterns, expressions, equations, and functions. The workshop will include a "make and take" session for teachers to create activities for their classrooms.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades 4-8 Mathematics Instructors, Curriculum Specialists, and Administrators

K-5 Common Core Mathematics - A Constructivist Approach to the Base Ten Numeration System

Description: This workshop examines ways to build a strong foundation of number sense through place-value-based computational strategies that can be successfully blended into any curriculum. Strategies explored assist students in moving from concrete representations to pictorial representations to abstract representations. Basic number sense is reinforced through making bonds to build numbers and branching larger numbers into smaller ones to make numbers more manageable. Additionally, Participants learn strategies for using place value mats to decompose, add, and subtract numbers, as well as strategies for training students to transition from paper and pencil to mental math processes.

Workshop Length: 2 Hours

Intended Audience: Grades 6-12 Mathematics Instructors, Curriculum Specialists, and Administrators

Math Mastery K-6

Description: The purpose of this workshop is for K-6 teachers to gain a better understanding of mathematical concepts presented in the new standards. At the conclusion of this workshop, mathematics teachers will know how to identify and address specific student needs in the new standards.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades K-6 Mathematics Instructors, Curriculum Specialists, and Administrators

Life Skills - Incorporating 21st Century Life and Career Standards in Mathematics

Description: New State and National Standards require educators to implement intercurricular activities that better prepare students for higher education and work readiness. This workshop will assist mathematics instructors to construct a life skills program directly in their classroom. Instructors will receive all needed materials and resources.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades 6-8 Mathematics Instructors, Curriculum Specialists, and Administrators

Fostering Algorithm Processes – Paper and Pencil & Mental Mathematics

Description: Many students need additional practice to hone their numerical operations skills using paper and pencil and mental mathematics. This workshop presents numerous activities that engage students and require use of one or both of these non-calculator approaches.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades 6-8 Mathematics Instructors, Curriculum Specialists, and Administrators

Building the Foundations of Algebra

Description: This workshop will provide engaging activities to increase students' proficiency in the fundamental skills needed to be successful in an Algebra I course. Instructional approaches will be presented to address concepts essential to the Algebra I course including factoring all types of polynomials and understanding linear equations.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades 8 – 11 Mathematics Instructors, Curriculum Specialists, and Administrators

The Student-Centered Algebra Classroom

Description: This workshop will provide teachers with strategies to create a student-centered Algebra I classroom. Ultimately, this leads to better student engagement and independence. Participants will reconnect with effective instructional strategies for teaching mathematics and explore effective ways to organize instructional time in today's mathematics classroom.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades 8-11 Mathematics Instructors, Curriculum Specialists, and Administrators

Science

Science Instruction Using the 5E Method

Description: The structure of the learning environment should promote opportunities and events that encourage and support the building of understanding. In this workshop the process of constructivist science instruction is explained by employing five E's: Engage, Explore, Explain, Elaborate, and Evaluate. At the conclusion of this workshop, instructors will know how to improve instruction by employing the 5E Model of science instruction.

Workshop Length: 2 to 8 Hours

Intended Audience: Grades K-12 Science Instructors, Curriculum Specialists, and Administrators

Improving Science Instruction and Content Knowledge

Description: Using the NSTA's "Stop Faking It! Finally Understanding Science So You Can Teach It" series, professional development providers will review the major concepts, skills, and instructional approaches to improve science instruction in middle school. Topics can include any or all of the following areas: Light, Forces and Motion, Energy, Sound, Math, Air, Water and Weather, Light, Chemistry Basics, More Chemistry Basics, and Sound.

Workshop Length: 2 to 8 Hours

Intended Audience: Grades 6-8 Science Instructors, Curriculum Specialists, and Administrators

Preparing Students for the High School Biology End of Course Assessment

Description: During this workshop, the presenter will review the content of the Biology EOC, as well as specific strategies that educators can employ to assist their students to perform better on the exams. By the conclusion of the workshop, instructors will have all of the information and resources they will need to assure their students' success.

Workshop Length: 2 Hours

Intended Audience: Grades 8 - 12 Science Instructors, Curriculum Specialists, and Administrators

Technology

Differentiated Instruction with Technology

Description: During this workshop instructors will learn how to use a variety of tools that put the task of instruction in the students' hands. This workshop will cover utilizing: Windows Sound Recorder, Photostory 3, Audacity, and Voicethread. Participants will explore recording Whiteboard lessons, recording in PowerPoint, and creating how-to sheets for classroom ease.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 Instructors, Curriculum Specialists, and Administrators

Technology Infusion I - Furthering Instructional Goals in an Active Classroom

Description: It is often the case that instructors have access to powerful technology-based instructional tools yet are not sure how to utilize the tools to further instructional goals. During this workshop instructors will be given the opportunity to select from a variety of activities that require participants to explore new instructional tools and to create an activity that utilizes technology.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 Instructors, Curriculum Specialists, and Administrators

Technology Infusion II - From 1.0 - 2.0: Taking your classroom to the next level

Description: This workshop invites instructors to think about how they presently utilize technology, how they would like to use technology, and how to identify the obstacles. This workshop presents the differences between 1.0 and 2.0 “technology hierarchy.” Instructors are led through a process of reconstructing a lesson using technology in a manner that addresses students’ varied learning styles.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 Instructors, Curriculum Specialists, and Administrators

English Language Learners

Strategies that Ensure English Language Success

Description: During this workshop, participants will learn how to identify the stages of language development for ELL learners. Through this workshop participants will acquire practical, research-based information, resources, and strategies to teach, evaluate, and nurture ELL students. Participants will also learn how to employ effective instructional strategies that promote second language acquisition and content development.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades K-12 Instructors, Curriculum Specialists, and Administrators

Implementing Effective Schooling for English Language Learners

Description: This workshop will equip principals and administrators with additional knowledge and expertise in order to improve the academic achievement of English language learners. The focus is on effective instructional strategies, student assessment, school climate, parent involvement, and other elements to improve the academic achievement of ELL students.

Workshop Length: 3 to 4 hours

Intended Audience: Elementary School Principals, Curriculum Specialists, Bilingual and ESL Supervisors

Meeting the Challenge of Content Instruction for English Language Learners

Description: This workshop is intended to help teachers plan and deliver lessons that allow English learners to acquire academic knowledge as they develop English language proficiency. The focus is to facilitate high-quality instruction for ELL in content area (English, Mathematics, Science, Social Studies) teaching. This workshop provides an outline for systematic instruction that includes the following key components: background knowledge, comprehensible input, instructional strategies, lesson delivery, and assessment.

Workshop Length: 4 to 5 hours

Intended Audience: Grades K-12 Instructors, Curriculum Specialists, and Administrators

Improved Instruction

Establishing the Differentiated Classroom

Description: True differentiation is a hard-to-achieve goal for most educators. This workshop provides the steps to assist teachers in identifying student learning styles, attitudes, and interests. It also explores methods, approaches, and tools to create effective differentiation in the classroom.

Workshop Length: 2 to 3 Hours

Intended Audience: Grades K-12 Instructors, Curriculum Specialists, and Administrators

Creating an Active Learner Classroom

Description: What type of learning environment best prepares students to live in a 21st century world? An Active Learner Classroom creates a nurturing environment in which students are responsible for their own learning with extremely high expectations. During this workshop, instructors will learn how to establish and maintain an Active Learner Classroom. This workshop can be customized to a specific curricular area.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 Instructor, Curriculum Specialists, and Administrators

Engaging the 21st Century Learner: Project-based Learning in Action

Description: Project-based learning engages students with real-world problems and challenges them to explore solutions. During this workshop participants will consider ways to incorporate project-based learning in their classes and will design a project-based assignment for their students. Participants will also explore ways to foster strong cooperative learning groups that keep students on-task and accountable.

Workshop Length: 2 to 4 Hours

Intended Audience: Grades K-12 Instructors, Curriculum Specialists, and Administrators