

REGIONAL COLLEGE READINESS TRAINING

EVENT DETAILS

■ Math Workshop

Strategies in Mathematics: Problem Solving and Algebraic Thinking

Part of the focus of this two-day workshop, designed for mathematics teachers in grades 6-10, is on strategies for designing and using meaningful investigations, writing dynamic problems, and enhancing classroom activities so that students will develop deeper understanding. The workshop also provides teachers with hands-on activities and techniques to help students develop algebraic reasoning. A key feature of this workshop is the use of graphing calculators to help students visualize and explore algebra. Participants will use patterns to find relationships, use tables in investigating relationships, and describe patterns using both recursive and closed relationships.

■ Science Workshop

Strategies in Science: Creating a Learner-Centered Classroom

This two-day workshop is designed to assist science teachers in creating a facilitative classroom that focuses on inquiry, encourages higher levels of thinking for all students, and orchestrates discourse through speaking, writing, and graphic representation. Specific strategies addressed include inquiry-based learning, discussion and discourse techniques, a five-stage instructional model, inductive thinking, discrepant events, brainstorming, assignment of roles in collaborative groups, and graphic organizers. The workshop provides strategies for designing and using meaningful investigations, writing dynamic problems, and enhancing current classroom activities that will take students to a deeper level of understanding and produce more thoughtful responses.

■ Social Studies Workshop

Strategies in History and the Social Sciences/Crafting Historical Arguments

This two-day workshop presents middle and high school teachers strategies to improve students' historical thinking skills, specifically interpretation and analysis and will make use of primary, secondary, written, and visual sources. In addition, the workshop focuses on strategies for improving writing in the social sciences with an emphasis on structuring an argument.

■ English Workshop

Strategies in English: Inquiry-Based Close Reading and Composition

This two-day workshop is designed to help middle and high school teachers facilitate inquiry-based practices through close reading, making use of questioning strategies that promote critical thinking. The workshop teaches participants classroom strategies that allow students to ask and generate questions and develop the ability to engage with any text. The workshop also emphasizes hands-on tools to teach writing on demand, paraphrasing and summarizing.