



First Annual Summer Curriculum Bootcamp Mathematics 2019

Monday, June 24

Whole Group Session One

Introduction to the Foundational Mathematics Curriculum: What Constitutes a Strong Curriculum?

Presenter: Dr. Janie Pyle, Executive Director, SMCAA

Targeted Audience: Administrators, Curriculum Leaders and Teachers

During this session we will introduce the Kindergarten through Grade Eight Foundational Mathematics Curriculum written for use by SMCAA membership. We will review the components of this curriculum in order to develop a working knowledge of what a strong curriculum should look like and what additional components are needed to create a thorough mathematics curriculum. We will also discuss housing of curriculum and what will best fit your district needs.

Training Session A

Prioritized Standards, Units of Instruction and Pacing Guides

Presenter Team:

- **Kindergarten-Grade Three:** Shea Thomas, Elementary Curriculum Coordinator and Writer, Raytown Quality Schools.
- **Grades Four-Five:** Sarah Morales, Upper Elementary and Middle School Curriculum Coordinator and Writer, Raytown Quality Schools.
- **Grades Six-Eight:** Deborah Sanchez, Former High Secondary Curriculum Coordinator and Writer; Mathematics Faculty, Western Governors University.

Targeted Audience: Curriculum Writers and Directors, Administrators and Teachers

This session will study how best to choose Priority Standards, create units of instruction and develop pacing guides for a strong mathematics curriculum. Participants will experience processes on the development of these documents and will have access to several samples.

Training Session B

Common Formative Assessments for Use in Mathematics Curriculum Units

Presenter Team

Targeted Audience: Teachers, Instructional Coaches, Curriculum Coordinators and Writers

This session will explore the differences among common assessments (used during or after the completion of a unit), instructional formative assessment (classroom assessments used during or after lessons) and summative assessment (such as unit or semester finals), and the development of rigorous common assessments in mathematics. A process will be introduced along with access to sample resources and assessments.

Whole Group Session Two

Planning for Quality Mathematics Curriculum and Instruction

Presenter: Dr. Janie Pyle, Executive Director SMCAA

Targeted Audience: Elementary Administrators, Curriculum Directors and Elementary Teachers

This session will provide participants with an overall process on how to plan instruction using a strong written curriculum. The group will be work in teams to discuss goals and objectives, and how to best assess learning during classroom instruction and at the end of a unit.

Tuesday, June 25

Training Session C

Mathematics Curriculum Resources and How to Choose What Works for Your District

Presenter Team

Targeted Audience: Administrators, Curriculum Directors, Instructional Coaches, Teachers

Curriculum should be written in such a way as to make it possible for instructional teams to utilize resources of their choice. Some districts use purchased materials or texts. Others use teacher created materials or online resources. This session will introduce a variety of different ideas on how to embed and include your resources into a strong written curriculum. Participants will spend time exploring and choosing resources using a process.

Whole Group Planning: Participants will work in teams to review and reflect on what they have learned and will create a “next steps” plan including what professional learning will need to take place in order for teachers to move forward with the knowledge and skills they need to teach mathematics. The goal is for building groups to leave with a plan to begin their next working day.

Curriculum Development Study Session for Administrators and Support Personnel

Presenter: Dr. Janie Pyle, Executive Director SMCAA

Targeted Audience: Administrators, Curriculum Coordinators, Instructional Coaches and others in charged of supporting teachers in curriculum and instruction

This session will take place during the Whole Group Planning session and will provide support and understanding of the Foundational Mathematics Curriculum and how best to use it at your particular school district. Participants can bring their current mathematics curriculum and learn how best to adapt what they have and how to embed the FMC to fit their needs. This will also act as a question and answer opportunity for participants.

Whole Group Session Three

School Planning Session

Join our math specialists as we provide time for district representatives and school teams to plan your next math steps.