



Student-Centered Mathematics

Improve Student Outcomes

COMMUNICATING MATHEMATICAL THINKING



Outcome: I create an environment that encourages students to communicate their mathematical thinking with each other.

PROMOTING REASONING AND PROBLEM-SOLVING



Outcome: I engage and support students in lessons that promote reasoning and problem-solving.

HUMANIZING MATHEMATICS



Outcome: I support students in developing positive beliefs about math and about themselves as mathematicians.

FACILITATING MATHEMATICAL DISCOURSE



Outcome: I facilitate mathematical discourse that deepens student understanding.



Student-Centered Mathematics (Year 1)

Support for educators in problem-based math learning reducing barrier to entry for all students and encouraging active engagement through academic discourse and math language routines.

LAUNCH

Designing Problem-Solving Math Communities | In-Person

PLANNING

Leader Coaching

ASSESS PROGRESS

Student-Centered Math Learning Walk

TARGETED SUPPORT

- Developing Understanding through Discourse
- Developing Procedural Fluency and Number Sense
- Humanizing Math Class to Create Positive Learning Experiences
- Deepening Student Thinking with the Math Language Routines



Student-Centered Mathematics (Year 2)

Designed to help educators deepen their ability to foster meaningful mathematical discourse to support student mastery of mathematical concepts.

LAUNCH

Designing Meaningful Mathematical Discourse | In-Person

PLANNING

- Leader Coaching
- Coaching for Student-Centered Mathematics

ASSESS PROGRESS

Student-Centered Math Learning Walk

TARGETED SUPPORT

- Getting Started Planning Activities with the 5 Practices
- Planning for Learning with Anticipating and Monitoring
- Facilitating Discourse with Selecting, Sequencing, and Connecting



Student-Centered Mathematics (Year 3)

Designed to support educators to appropriately scaffold, support, and extend students' reasoning while solving mathematical problems.

LAUNCH

Designing Differentiated Instruction for Problem Solving in Math | In-Person

PLANNING

- Leader Coaching
- Coaching for Student-Centered Mathematics

ASSESS PROGRESS

Student-Centered Math Learning Walk

TARGETED SUPPORT

- Promoting Language Use in Math: Making Sense of Tasks
- Promoting Language Use in Math: Cultivating Conversations
- Promoting Language Use in Math: Optimizing Output
- Promoting Language Use in Math: Maximizing Meta-Awareness