

Flexible Thinking: Supporting Student Number Sense in the Elementary Mathematics Classroom

Name of the Facilitator: Meghan Althaus-Watts

Qualifications: PIMSER Regional Teacher Partner

Provider Name: PIMSER

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Program Name: Flexible Thinking: Supporting Student Number Sense in the Elementary Mathematics Classroom

Credit Hours: 15

Program Description

Is it possible to be “flexible” when thinking about mathematics? What does it mean when we say number sense and why is it foundational for all other math? You will leave the session with:--teacher and student strategies to deepen students’ number sense--practice and receive routines, structures, strategies, and activities that will build and extend students’ critical mathematical thinking skills related to the Kentucky Academic Standards for Math--ideas on how to structure the first weeks of math instruction to support students’ number senseAudience: Math teachers and coaches grades K-5

Objectives of Program

Gain insight into the power of growing students’ thinking and confidence in how they see and work with quantities.

Additional Tags:

- KAS, math, number sense

Grade Level:

- Intermediate (3 - 5), Primary (K - 2)

Audience:

- Other Professional, Teacher

Discipline:

- Mathematics

Personnel Evaluation Measures:

- Environment, Instruction, Planning

Aligned to Kentucky Professional Learning Standards:

- Implementation, Learning Communities, Learning Designs, Resources

Session Type: Single Session

Face to Face:

Date: 07/11/2023

Address 450 Park Place, Lexington, KY, 40511

Registration Deadline:

07/04/2023

Link or directions to register:

<https://www.rsvpbook.com/flexmath>

Arrangements Required: No

Services provided(Follow-up, support, etc.): Yes

15 hours of PD credit July 11-12, 9am-4pm EST (in-person in Lexington) Two additional 90-minute sessions during the 2023-24 academic year (fall semester, dates/times to be set at July meetings). The virtual sessions will be a professional learning opportunity to discuss and share any strategies, activities, and routines that have been implemented in the classroom. Student misconceptions and next steps to continue numbers sense development will be other areas of focus.

Possible costs(Participation, materials, etc.): Yes

Cost: \$325 per person Early Bird rate through May 31 (\$375 after) Morning refreshments and lunch will be provided

EILA Program: first Grade Math Progressions Around Early Numeracy

EILA Status: 23 EIL 0238