

Building Capacity in K-3 Science Classrooms - Western KY

Name of the Facilitator: Patti Works

Qualifications: PIMSER Regional Teacher Partner

Provider Name: PIMSER

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Program Name: Building Capacity in K-3 Science Classrooms - Western KY

Credit Hours: 6

Program Description

-January 22 - Analyzing Data and Writing Claims with Evidence. Want to feel empowered and able to help students use strategies to develop and analyze data tables, charts and graphs? Join us for a day where we will share ideas to break down, evaluate, and summarize data, so that your students can make claims and support their thinking with data as evidence. You'll leave with ideas to help demystify data and help students along their way to develop evidence-based claims in science. -February 25- Planning and Carrying Out Investigations. The NGSS calls for students to collaboratively plan and carry out investigations to find answers to their questions. But, how do you do that in early elementary grades? How do you begin to help students understand what makes a "fair test" and help them plan that with you and investigate with increasing amounts of independence? This Science and Engineering Practice has the potential to make your students better critical thinkers and enthusiastic scientists. You'll leave with investigation scaffolds that you can use the next day in your classroom. -March 19 - Science Notebooking and the Power of Modeling. We know it is hard for students to write about their ideas in science. They need specific guidance to make and write scientific comparisons, support claims with evidence, and develop their skills at scientific illustration and begin to develop models that show their understanding. Join us as we use student discourse and writing scaffolds to support and help students communicate their ideas as they develop and refine models.

Objectives of Program

Learn how to break down, evaluate, and summarize data. Learn how to help students collaboratively plan and carry out investigations. Learn how to guide students in developing models to show their understanding.

Additional Tags:

- Investigations, Modeling, Primary, Science, Standards

Grade Level:

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

Audience:

- Teacher

Discipline:

- Science

Personnel Evaluation Measures:

- Instruction, Planning

Aligned to Kentucky Professional Learning Standards:

- Data, Implementation, Learning Communities, Learning Designs, Outcomes, Resources

Session Type: Multiple Sessions**Face to Face:**

Details:

Date:01/22/2019

Address:EKU Perkins Building, 4436 Kit Carson Dr, Richmond, KY, 40475

Date:02/25/2019

Address:EKU Perkins Building, 4436 Kit Carson Dr, Richmond, KY, 40475

Date:03/19/2019

Address:EKU Perkins Building, 4436 Kit Carson Dr, Richmond, KY, 40475

Registration Deadline:

01/15/2019

Link or directions to register:

<http://www.rsvpbook.com/k3sciwnky>

Arrangements Required: Yes

You may sign up for the series of three workshops and receive a discounted rate, or attend one or two workshops to fit your needs and schedule individually.

Services provided(Follow-up, support, etc.): No**Possible costs(Participation, materials, etc.): Yes**

Register for 1 day: \$100, Register for 2 days: \$175 (\$25 discount!), Register for all 3 days: \$250 (\$50 discount!)

EILA Program:**EILA Status:**