

## **Empowering Educators - Harnessing AI for Supporting Effective Science Instruction**

Name of the Facilitator: Madison Staton

Qualifications: Instructor

Provider Name: PIMSER

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Program Name: Empowering Educators - Harnessing AI for Supporting Effective Science Instruction

Credit Hours: 6

### **Program Description**

Join us for an immersive professional development session where science teachers will discover innovative strategies to seamlessly integrate AI into their classrooms. Learn how to leverage AI tools to revolutionize student tasks, enhance learning outcomes, and streamline your teaching workflow for maximum efficiency. Explore practical applications and unleash the power of AI to propel your teaching to new heights!

### **Objectives of Program**

To: Understand the foundational concepts of artificial intelligence (AI) and its relevance to science education. Explore diverse AI tools and resources tailored for science instruction, and demonstrate proficiency in their utilization. Explore strategies to integrate AI seamlessly into lesson plans, experiments, and classroom activities to enhance student engagement and learning outcomes. Analyze case studies and real-world examples showcasing successful implementation of AI in science education, and adapt these practices to suit individual teaching contexts. Demonstrate competence in using AI to optimize time management, streamline administrative tasks, and personalize learning experiences for students, fostering a more efficient and effective teaching environment.

### **Additional Tags:**

#### **Grade Level:**

- High (9 - 12), Middle (6 - 8)

#### **Audience:**

- District Personnel, Other Professional, Principal, Teacher

#### **Discipline:**

- Career & Technical Education, Library / Media, Science

#### **Personnel Evaluation Measures:**

- Instruction, Planning

### **Aligned to Kentucky Professional Learning Standards:**

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

**Session Type: Single Session**

**Face to Face:**

Date: 07/18/2024

AddressKVEC, 412 Roy Campbell Dr., Hazard, KY, 41701

**Registration Deadline:**

07/17/2024

**Link or directions to register:**

<https://www.rsvpbook.com/event.php?580807&580807=>

**Arrangements Required: Yes**

Bring a personal device and charger, ie, laptop, iPad, iPhone.

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

Instructor available for post class questions, feedback and support on topic.

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

\$175.00

**EILA Program:**

**EILA Status:**