

ATTENTION MICHIGAN NON-PUBLIC SCHOOLS

Only \$100 for all 4 workshops!*

Valued at \$1000.

Let's create classrooms where curiosity, creativity, and critical thinking thrive!

Join VAEI in acquiring strategies and tools for shifting science theory into practice and implementing effective inquiry-based instruction.



MESC

MICHIGAN EQUITABLE SERVICE COLLABORATIVE

Workshop 1.1

Learn Science by Doing Science

This two-day workshop provides an immersive experience where teachers learn science by doing science. Conduct science investigations utilizing the VAEI Instructional Model for Inquiry-Based Science, which integrates a process of scientific inquiry, a rich learning environment, and scientific habits of mind. Learn 4 changes you can make right away to increase student engagement with inquiry-based instruction. Evaluate the role of a growth mindset in transforming science instruction and leave with a ready-to-implement inquiry-based lesson as well as practical strategies to begin transforming your classroom.

Dates

- **Grades K-2** January 22, 2019
- **Grades 3-5** January 23, 2019
- **Grades 6-8** January 24, 2019
- **Grades 9-12** January 25, 2019

Workshop 1.3

Turning Data into Evidence

In this one-day workshop, explore the role of Data Analysis in the inquiry process, and learn how to help students turn data into evidence with a 4-part process. Discover practical strategies for developing student creativity and critical thinking. Learn how to teach students the importance of integrity in investigations. Use oral and written discourse strategies that put students in the driver's seat of their own learning. Foster an environment that promotes students' use of rich language. Share your experiences in implementing inquiry-based lessons and strategies with colleagues and leave with additional lessons and strategies to implement inquiry-based science.

Dates

- **Grades K-2** March 19, 2019
- **Grades 3-5** March 20, 2019
- **Grades 6-8** March 21, 2019
- **Grades 9-12** March 22, 2019

Workshop 1.2

Questions Drive Inquiry

In this one-day workshop, discuss the role journaling plays in helping students construct meaning, and learn ways to incorporate journaling throughout an investigation. Refine your understanding of investigation questions with practical guidance on the creation and evaluation of questions that drive science investigations. Discover strategies to nurture curiosity and student engagement. Share your experiences in implementing inquiry-based lessons and strategies with colleagues and leave with additional lessons and strategies to implement inquiry-based science.

Dates

- **Grades K-2** February 25, 2019
- **Grades 3-5** February 26, 2019
- **Grades 6-8** February 27, 2019
- **Grades 9-12** February 28, 2019

Workshop 1.4

C-E-R in the Collaborative Classroom

In this one-day workshop, learn how to guide students in creating first-rate investigation explanations. Utilize an explanation framework to help students write a claim that is explicitly supported by evidence and reasoning. Help students develop an openness to new ideas, and discover classroom culture strategies that encourage collaboration. Explore a variety of ways that students and teachers can construct meaning together in a rich learning environment. Share your experiences in implementing inquiry-based lessons and strategies with colleagues and leave with additional lessons and strategies to implement inquiry-based science.

Dates

- **Grades K-2** April 29, 2019
- **Grades 3-5** April 30, 2019
- **Grades 6-8** May 1, 2019
- **Grades 9-12** May 2, 2019



To register, go to:

- **Grades K-2** <http://bit.ly/MESCK-2>
- **Grades 3-5** <http://bit.ly/MESC3-5>
- **Grades 6-8** <http://bit.ly/MESC6-8>
- **Grades 9-12** <http://bit.ly/MESC9-12>

*Plus minimal processing fee.