

Engage in an opportunity to build a deep foundation in math content through a comprehensive professional development program offered by the Vermont Mathematics Institute.

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What it can offer you:

- A deep knowledge and understanding of math content
- Expertise as a math content specialist for your school to help provide tailored professional development through the current Learning Teams initiative
- Leadership training to support school-wide improvement of mathematics teaching and learning

How to apply

Applicant criteria depends on your interest to:

- Grow into a leadership role by becoming a math content specialist
- Conduct action research
- Take on challenges and grow professionally

Candidates should visit Staffnet (<http://staffnet.cps-k12.org/Staffnet/GEGrant/>) to download the application forms. Entries should be submitted by Friday, May 2. Notifications will be made by mid-May.

Checklist

- Cover sheet
- Response to essay questions
- Resumé (please note resumé specifications)
- Principal recommendation (electronic submissions preferred)

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Entries should be submitted to the Mayerson Academy.

Email:
dressman.jan@mayersonacademy.org

Mail to:
Mayerson Academy
ATTN: Jan Dressman, VMI
2650 Highland Avenue
Cincinnati, OH 45219



VMI
Mathematics
Math Professional
Development

by Vermont Mathematics Initiative (VMI)
Teachers K-8

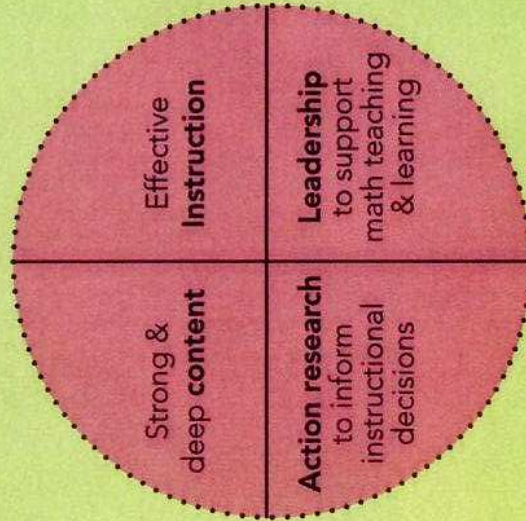


VMI Mathematicians

The overall plan for CPS involves training mathematics content specialists who will become content experts and lead the professional development at the school level via the learning teams.

Through a partnership from the University of Vermont, the Vermont Mathematics Initiative (VMI) is aimed at educating K-8 teachers in high-quality math instruction.

The Four VMI Goals



A strong, mathematics content knowledge is the foundation of VMI

Course Schedule 2008-2009

Mathematics as a Second Language

June 11-13 and 16-18

This course lays the groundwork for understanding algebra and arithmetic through language. Topics include arithmetic vs. algebra; solving equations; place value and history of counting; inverse processes; the many faces of division; rational vs. irrational numbers; the geometry of multiplication, and more.

Algebra & Functions for K-8 Teachers

Fall/Spring, three 2-day weekends TBD

This course builds upon the prior course. Participants will obtain a deep understanding of the concept of a function and engage in a variety of problem-solving activities that relate directly to the K-8 mathematics classroom. Both courses serve as the foundation for a K-8 lesson study project that participants will undertake during the school year.

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For more information, please visit

(<http://staffnet.cps-k12.org/Staffnet/GEGrant/>)

or contact Wayne Harner.

Phone: 513-475-4190

Email: harner.wayne@mayersonacademy.org.

Frequently Asked Questions

Q: How will these courses benefit me?

A: In addition to strengthening your content knowledge and classroom instructional strategies, the program will:

- Provide contact hours for teaching license renewal.
- Serve as graduate credit for teacher licensure that may be applied to middle school licensure. Graduate credit may also be applied to a master's degree.

Q: How will the VMI leadership component support math teaching & learning at CPS?

A: Working through Learning Teams, VMI content specialists will help provide the professional development to meet the needs of teachers, ensuring PD is embedded at each school site.

Q: What mathematics prerequisites are there for this program?

A: There are **no prerequisite** mathematics requirements and teachers enter with varied math backgrounds. VMI ensures multiple means of supporting teachers, both in their own learning of mathematics and in the transfer of mathematics knowledge to the K-8 classroom.

Q: Am I paid to take this training?

A: Yes, you will be paid for training outside of contracted time. (June and Saturday classes)