

# eMINTS Comprehensive Program

Intervention Snapshot | Teacher Excellence Topic Area

WHAT WORKS CLEARINGHOUSE™

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Research has shown that teacher effectiveness is the most important school-based factor that influences student outcomes, including student achievement. Studies have also shown that there is substantial variation in teacher effectiveness to improve student outcomes. The strong influence of teachers on student outcomes, as well as the variation in teacher effectiveness, has led to the creation of programs designed to help teachers improve their effectiveness in the classroom. The *eMINTS Comprehensive Program* aims to help teachers improve their practice and the outcomes of their students by offering structured professional development, coaching, and support for integrating technology into the classroom. The program’s goals include supporting teachers in using classroom technology to implement high-quality, inquiry-based learning, in which students develop understanding and knowledge of content matter by engaging in meaningful investigations that require

reasoning, judgement, and decision making. The intervention can provide support to teachers in any subject area, including math, literacy, and science.

This What Works Clearinghouse (WWC) report, part of the WWC’s Teacher Excellence topic area, explores the effects of the *eMINTS Comprehensive Program*, referred to as *eMINTS* in this report, on student achievement. The WWC identified eight studies of *eMINTS*. Two of these studies meet WWC standards. The evidence presented in this report is from two studies of the impact of *eMINTS* on students in grades 4, 5, 7, and 8.

Findings on *eMINTS* from two studies that meet WWC standards are shown below. The table reports an effectiveness rating, the improvement index, and the number of studies and students that contribute to the findings. The improvement index is a measure of the intervention’s effect on an outcome.

## What Happens to Students When Their Teachers Participate in eMINTS?

The WWC found that implementing <i>eMINTS</i> :	Effectiveness rating	Improvement index (percentile points)	Evidence meeting WWC standards (version 4.0)	
			Number of studies	Number of students
May increase general mathematics achievement	Potentially positive effects	+2	2	3,096
May result in little or no change in general literacy achievement	No discernible effects	0	2	3,245

Note: The improvement index can be interpreted as the expected change in percentile rank for an average comparison group student if that student had received the intervention. A positive improvement index does not necessarily mean the estimated effect is statistically significant.

### FINDINGS ARE BASED ON:

2 studies with 3,245 students in Missouri covering covering grades 4, 5, 7, and 8



### STUDENT CHARACTERISTICS:

Free & reduced-price lunch: 47%	Gender: 48% female	Race: 91% White	Ethnicity: Not reported
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## What Does eMINTS Cost?

The fee is \$10,000 per teacher for each year of the two-year program, which covers *eMINTS* professional development sessions and coaching activities. Students of *eMINTS* teachers must have individual access to Internet-connected computers

or tablets. For schools that lack this access, the cost of providing computers is approximately \$500 per student. Training activities are offered online or in person at the school. For training activities that occur in person, the school or district will need to supply space to host the activities.

## LEARN MORE



Read more about the *eMINTS* intervention and the studies that are summarized here in the [Intervention Report](#). Contact the [eMINTS National Center](#) for additional information on implementing *eMINTS*.