

School District: **Capital School District**  
School: **Central Middle School**  
Project: **Central Middle School Reimagined**  
Award: **\$30,000**

**Demographics:** Central Middle School serves approximately 927 students in seventh through eighth grades. Approximately 60% of classrooms have between 21 and 35 students. Their student population is comprised of 50.3% low SES, 17.8% special education, and 2.5% ELL.

**Abstract:** The CMS RPLIG plan aims to improve student **mathematics proficiency** by supporting school leaders in providing guidance and decision-making that encompasses the following principles needed for a high quality mathematics program: **Access and Equity; Curriculum and Materials; Tools and Technology; Assessment Systems and Professionalism**. There are two components included in the CMS RPLIG plan. One is centered on continued implementation of the **CCSS** with special focus on the **shift of rigor in conceptual understanding, procedural skill, and mathematical fluency** with significant opportunities to **apply mathematics in real-world contexts** using the **Standards for Mathematical Practice (SMP)**. The second component focuses on **building capacity for math leadership** at both the **teacher and administrative levels**.

**Data:** All professional learning outcomes are geared toward improving student proficiency in mathematics performance as evidenced by multiple measures including the Smarter Balanced Summative Assessment, Mathematics Inventory (MI) (formerly, Scholastic Mathematics Inventory), RtI data, and other assessment data. According to the spring 2015 CMS Smarter Assessment data, the following scores were reported:

- 7th grade = 25.3% proficient
- 8th grade = 25.8% proficient

The 2015 School Day Average Math Score was 400 and the state average was 433. Improvement of student performance and proficiency in mathematics is evidently a high priority district goal.