

School District: **Milford School District**  
 School: **Lulu Ross Elementary School**  
 Project: **Making Math Matter**  
 Award: **\$22,500**

**Demographics:** Lulu Ross Elementary houses approximately 620 students in first through fifth grades, with six to seven classrooms at each grade level. Their student population is comprised of 63% low SES and their ELL population is 16.3% of their entire student body.

**Abstract:** Lulu Ross Elementary has initiated an improvement process in mathematics instruction by creating a **leadership team that focuses on powerful student learning, developing a growth mindset, and opportunities for sharing best teaching practices among teachers.** Teachers will use content lessons from the **LearnZillion Dream Team**, research-based strategies on **number talks**, and **the eight mathematical practices** to improve **3<sup>rd</sup>-5<sup>th</sup> graders' understanding of mathematics.** Math Lead Teachers will be selected and attend training provided by **The Elementary Math Teacher Leadership Project (EMTL).** Teachers will implement a book study using *Number Talks: Building Numerical Reasoning* by **Sherri Parrish** on how students learn mathematics with special focus on the ELL and special education populations.

**Data:** Lulu Ross Elementary has collected DCAS and SBAC data from two school years to demonstrate the need for professional learning in mathematics instructional strategies. There are significant gaps in student mathematics achievement particularly in special education and ELL.

| DCAS Mathematics Assessment Proficiency 2013-14 SY |                 |                 |                 | Smarter Balanced Mathematics Assessment Proficiency 2014-15 SY |                 |                 |                 |
|--|-----------------|-----------------|-----------------|--|-----------------|-----------------|-----------------|
|  | Grade           |                 |                 |  | Grade           |                 |                 |
| Subgroup   | 3 <sup>rd</sup> | 4 <sup>th</sup> | 5 <sup>th</sup> | Subgroup   | 3 <sup>rd</sup> | 4 <sup>th</sup> | 5 <sup>th</sup> |
| Proficient   | 80%             | 78%             | 70%             | Proficient   | 55.9%           | 43.3%           | 33.6%           |
| ELL  | 75%             | 66.7%           | 33.3%           | ELL  | 19%             | 16.7%           | 0%              |
| Special Education                                  | 11%             | 81%             | 30%             | Special Education  | 18.8%           | 0%              | 0%              |