

School District: **Milford School District**

School: **Banneker Elementary School**

Project: **Let's Get Talking: Increasing Students' Number Sense Through Number Talks**

Award: **\$22,500**

**Demographics:** Banneker Elementary currently has 26 classroom teachers and serves 518 1<sup>st</sup> - 5<sup>th</sup> grade students. More than half of the classes at Banneker have class sizes ranging from 21-25. Banneker's student population has started to change greatly over the last two years. Low-income and ELL students have increased steadily; 70% of the student population are identified as low income and 74 are identified as ELL. The vast majority of Banneker's ELL students come from low-income families.

**Abstract:** To start off the 2016-2017 school year, Banneker Elementary will partner with **The Delaware Mathematics Coalition (DMC)** to begin implementing **number talks** and become part of the **Elementary Math Teacher Leadership Project (EMTL)** to **model effective instruction and coaching of mathematics teachers**. Their staff plans to use **number talks** to provide a **collaborative forum** for students to discuss strategies, generalize individual strategies into **personal algorithms**, and build a conceptual bridge to the **standard algorithm** with a deeper understanding. They will also work with the **Delaware LearnZillion Dream team** members to **strengthen mathematics lessons and delivery of mathematical concepts**. **The instructional leadership team will review progress toward the school's goals**, regularly.

**Data:** SBAC Mathematic data reveals specific underperforming subgroups at Banneker Elementary School. Banneker has made headway in closing the gap between special education and regular education students in grade 3, but that gap increases as students move up into grades 4 and 5 where mathematics concepts become more complex. It is also important to note that across all grade levels there is a large gap between English Language Learners (ELLs) and non-ELL students.

	<b>MATH SBAC 2015 Proficient Students (%)</b>		
<b>Subgroups</b>	School	District	State
3 <sup>rd</sup> Grade Students	66	55	53
3 <sup>rd</sup> Grade ELL	13	15	25
	<b>MATH SBAC 2015 Proficient Students (%)</b>		
4 <sup>th</sup> Grade Students	45	43	47
4 <sup>th</sup> Grade ELL	67	14	16
5 <sup>th</sup> Grade Students	53	39	38
5 <sup>th</sup> Grade ELL	0	0	8