

# College, Career & Life **READY**



## 2014 graduating class

Of those not proficient in math in 8th grade:

**85.9%** not proficient in 11th grade

**74.5%** didn't take the ACT

**1.4%** met ACT math benchmark



## Goal: Students enter 9th grade proficient in math.

### Strategy:

#### Alignment of curriculum, instruction and assessment

Identify & address gaps, weaknesses & trends in student math performance grades K-8, so students will be better prepared for high school and college-level math courses.

Algebra I and Geometry end-of-course exams aligned to the new standards were developed for use in spring 2015.

FY 13  
PASS RATE

**80.6%**

2151 students taking Algebra in 8th Grade

FY 14  
PASS RATE

**78.8%**

2224 students taking Algebra in 8th Grade

### Strategy:

#### Increased data usage

Increase educators' knowledge and use of data to make instructional decisions.

USD Data Use Courses for teachers and administrators delivered beginning in summer 2013:

- Creating quality questions for data analysis
- Types of data
- Interpreting data
- Creating an action plan

### Strategy:

#### Increase math content knowledge and pedagogy

Expand opportunities for teachers in elementary and middle school to increase their content knowledge and instructional skills.



SD Math Counts program builds content knowledge in 3 key areas:

- Number sense
- Algebraic reasoning
- Geometry and measurement

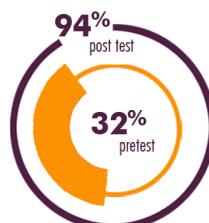
Number of teachers participating in SD Math Counts training

2012-13  
**216**

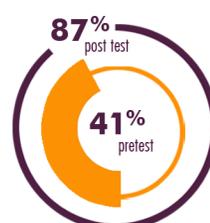
2013-14  
**209**

2014-15  
**206**

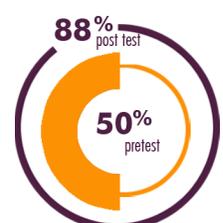
### Growth in SD Counts Teacher Knowledge



Geometry



Algebra



Number Sense