

DREAM Terra Nova 2012

DREAM Achievement on Nationally-Normed Assessment



HARLEM RBI
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DREAM
CHARTER SCHOOL

New York, July 2012

Confidential Document

> Executive Summary

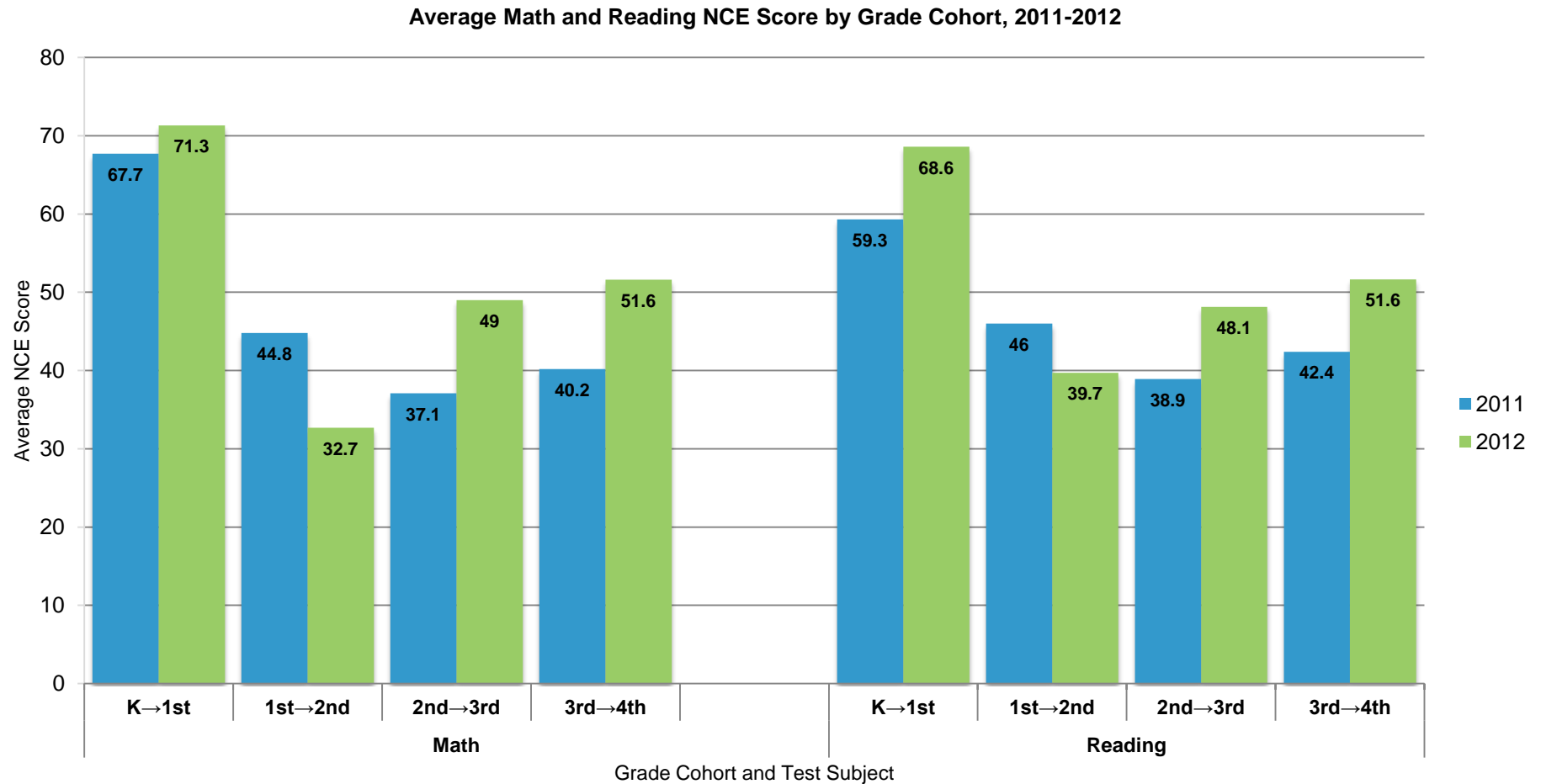
- + The Terra Nova is a nationally-normed exam, which allows us to compare DREAM students to a diverse range of students nationally
 - The Normal Curve Equivalent (NCE) is a standardized scale and is used in this analysis to compare Terra Nova results, within the school and externally
 - 50th percentile equals the average national score on the exam
 - A stable NCE from one year to the next represents one year of growth

- + The average school wide Math NCE is **53.1**, representing a **5.5** point increase overall from last year. The average school wide Reading NCE is **52.5**, representing a **5.7** point increase overall from last year.

- + The average NCE in each grade:
 - Kindergarten Math is **61.0**, with **71%** of students performing at or above national average. Kindergarten Reading is **55.1**, with **67%** of students performing at or above national average.
 - Grade 1 Math is **71.3**, with **88%** of students performing at or above national average. Grade 1 Reading is **68.6**, with **86%** of students performing at or above national average.
 - Grade 2 Math is **32.7**, with **12%** performing at or above national average. Grade 2 Reading is **39.7**, with **24%** of students performing at or above national average.
 - Grade 3 Math is **49**, with **46%** performing at or above national average. Grade 3 Reading is **48.1**, with **44%** of students performing at or above national average.
 - Grade 4 Math is **51.6**, with **58%** performing at or above national average. Grade 4 Reading is **51.6**, with **65%** of students performing at or above national average.



> NCE Average by Cohort for Math and Reading, 2011 & 2012

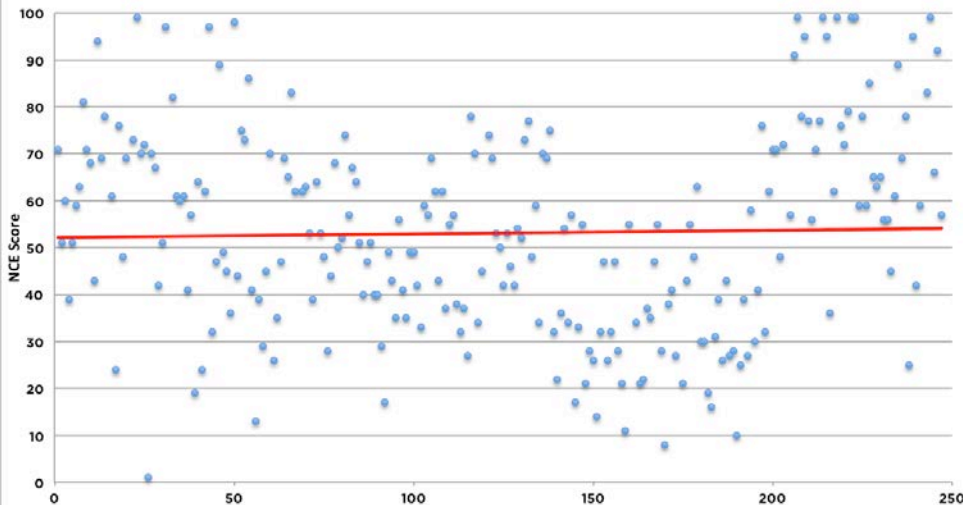


> Individual student scores in Math and Reading

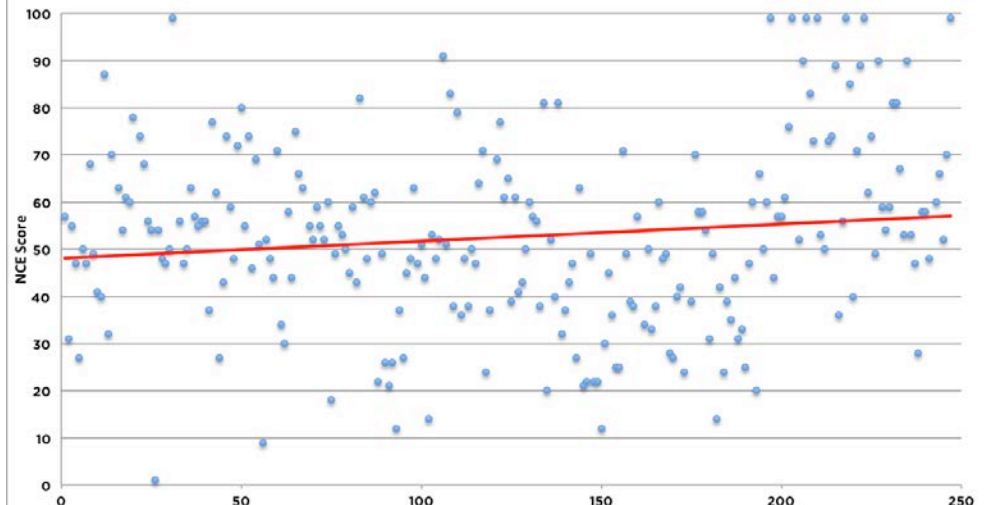
+Disaggregating data by subject shows that overall performance in Math and Reading are similar. With **126** of the students scoring at or above the national average in Math and **123** in Reading representing **53%** and **52%** of the students respectively.

+This is compared to last year when only **46%** of students in Math and **44%** of students in Reading scored at or above national average.

2012 Individual Math NCE Scores



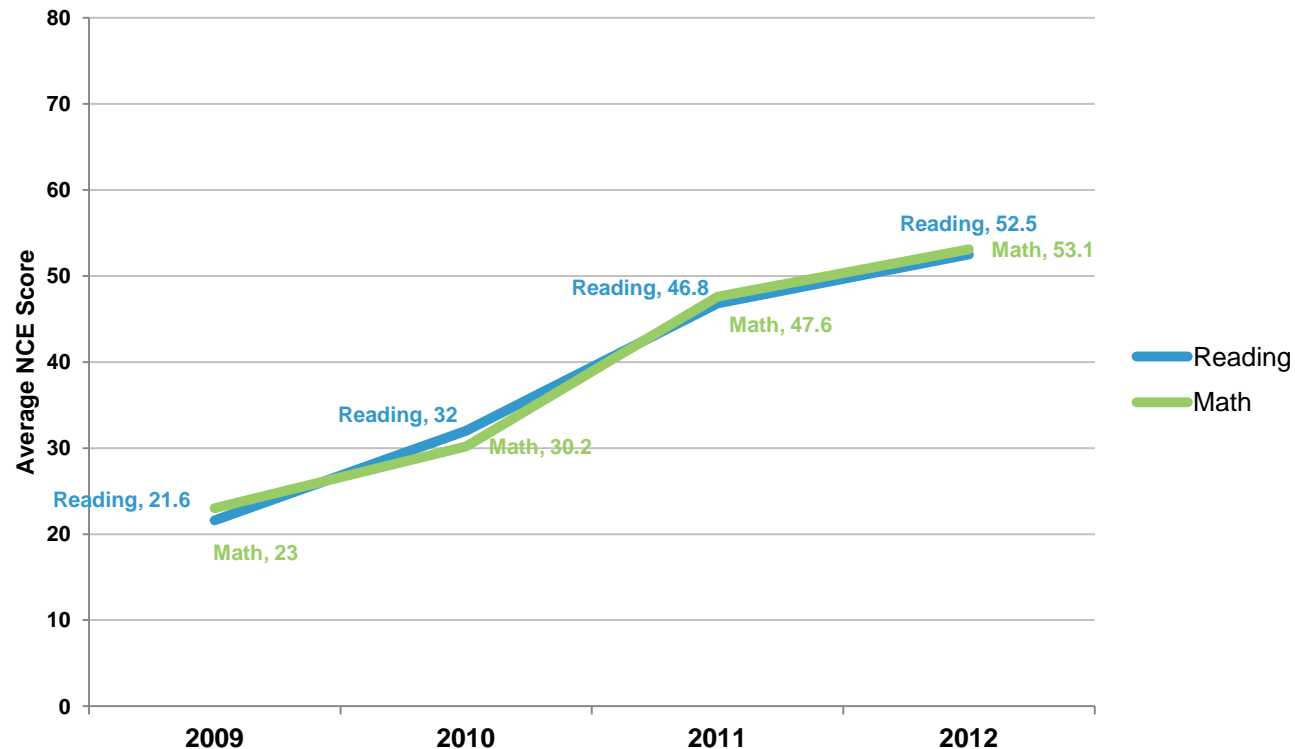
2012 Individual Reading NCE Scores



> Average school wide NCE over 3 years

- + Each year we establish a school wide goal for achievement – to close the gap between the current average and the national average by 50%
- + This year, 126 students achieved the goal in Math and 129 students achieved the goal in Reading. Of all students below 50, 20% met the goal in Math and 27% met the goal in Reading.
- + The average NCE gain for **all students** was **5.5 points in Math and 5.7 in Reading.**

School Average of NCE by Math and Reading, 2009-2012



> Summary

- + The data indicates that while the school has made significant progress this year, we still have a large percentage of students performing below the national average.
- + Our 5-year charter goal: each grade level cohort will reduce by one-half, the gap between average NCE and an NCE of 50 (national average)
- + Our current performance:
 - 1st grade exceeded their Math goal by increasing, on average, 3.4 points
 - 1st grade exceeded their Reading goal by increasing, on average, 7.2 points
 - 2nd grade did not meet their Math goal of a 6.1 point increase, showing a 4 point decline in performance
 - 2nd grade did not meet their Reading goal of a 4.6 point increase, showing a 0.6 point decline in performance
 - 3rd grade exceeded their Math goal of a 4.9 point increase, showing a 9.1 point increase
 - 3rd grade exceeded their Reading goal of a 3.9 increase, showing a 7 point increase
 - 4th grade exceeded their Math goal of a 2.5 increase, showing a 6 point increase
 - 4th grade exceeded their Reading goal of a .8 increase, showing a 2.5 point increase

