

Presenting:

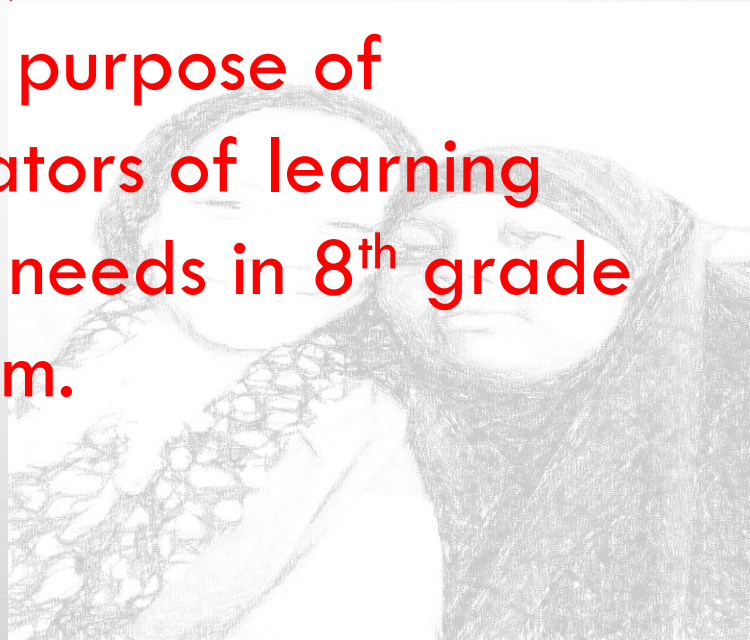
A unique school, home to two English language acquisition programs.

LAB PROGRAM: students 13 years of age or older, with interrupted formal schooling,

INTENSIVE ENGLISH: English speaking abilities. Students are enrolled at their home school and enrolled for half a day at the center

“The mission ... to teach English to non-English speaking students.”

This presentation brings into focus the Lab Program, 7th and 8th graders, for the purpose of identifying indicators of learning and instructional needs in 8th grade Science Curriculum.



The goal of this investigation

To show student learning gains and how learning in Science fits into the language acquisition model

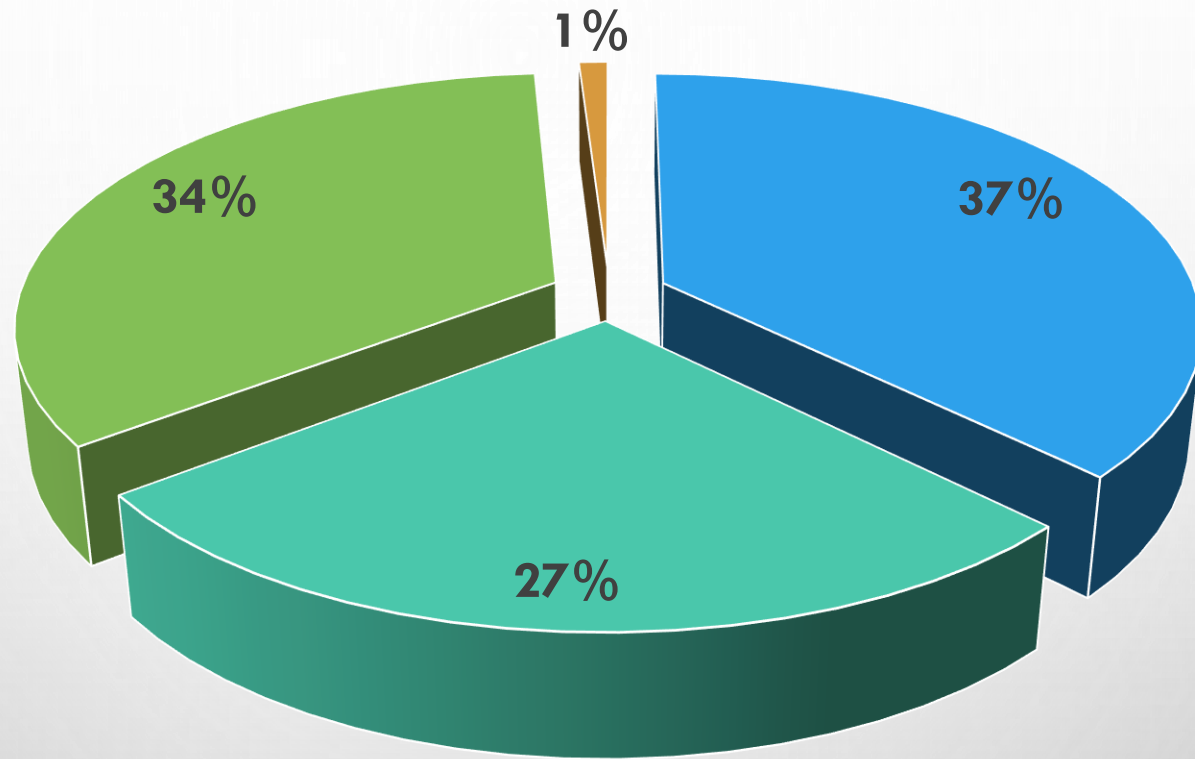
Note: the program model serves a student body of multiple languages. The goal of the investigation: a recommendation for a learning initiative to support and advance student learning in 8th grade science.

2014 Student Language Report

(Students' primary language report)

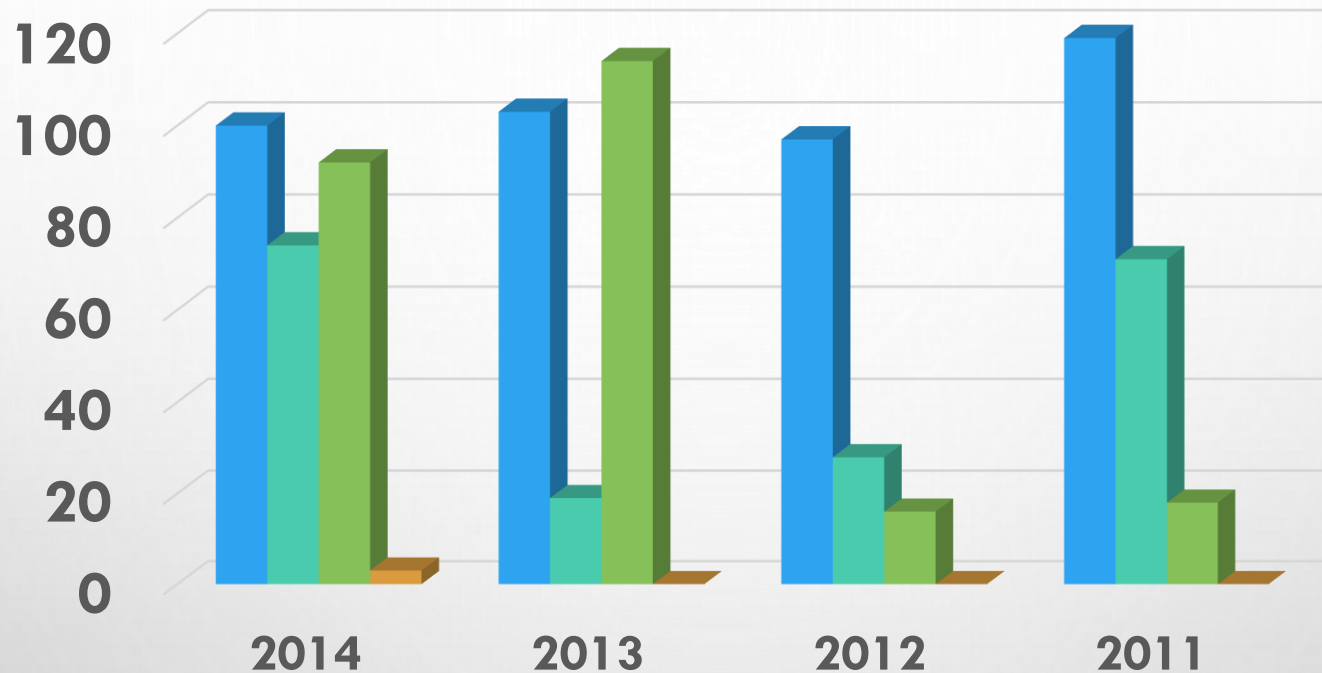
Amharic	Persian
Arabic	Sango
Bengali	Somali
Burmese	Spanish
Dari	Swahili
Dinka	Tagalog
English-Non/Amer	Tigrinya
Ewe	Urdu
French	Wolof
Kinyarwanda	
Kirundi	
Kiswahili	
Kuname	
Nepali	
Nguni	
Other Asian	

2014 Student Population



- Asian
- Black (African Countries)
- Black and White (reported as Hispanic)
- White (Iranian, Iraqi, Afghanistan)

Population Groups



- Asian
- Black (African Countries)
- Black and White (reported as Hispanic)
- White (Iranian, Iraqi, Afghanistan)

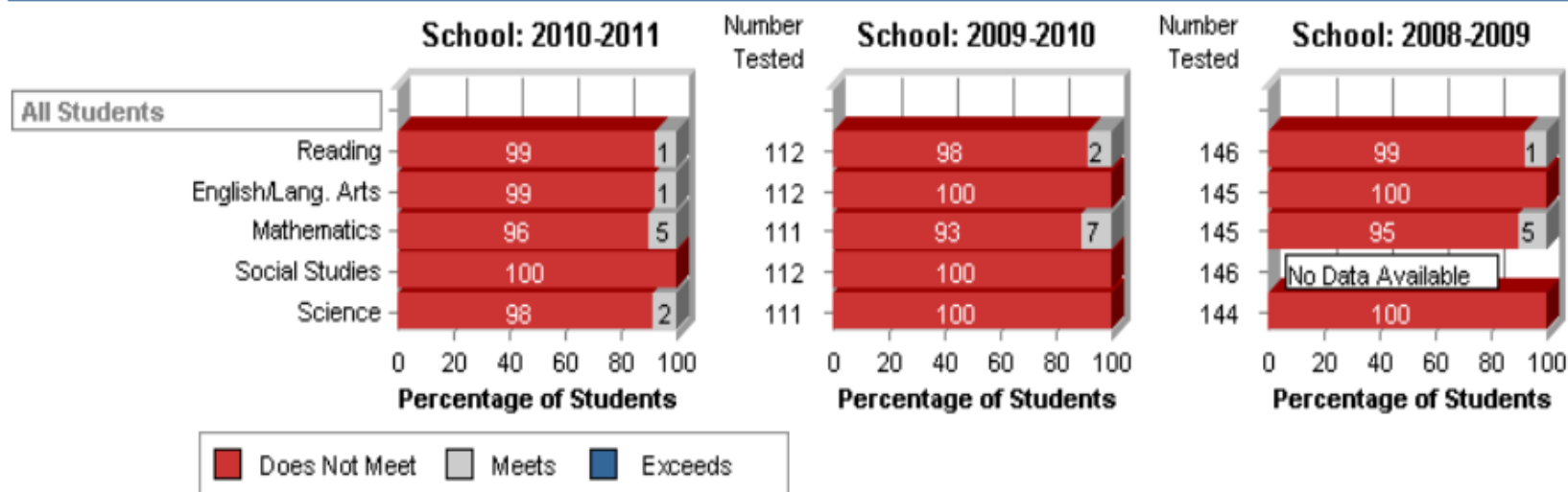
The CRCT indicates a history of our students not performing...

Georgia Criterion-Referenced Competency Tests

The CRCT is a standards-based assessment, and measures how well students are mastering specific skills defined for each grade by the state of Georgia.

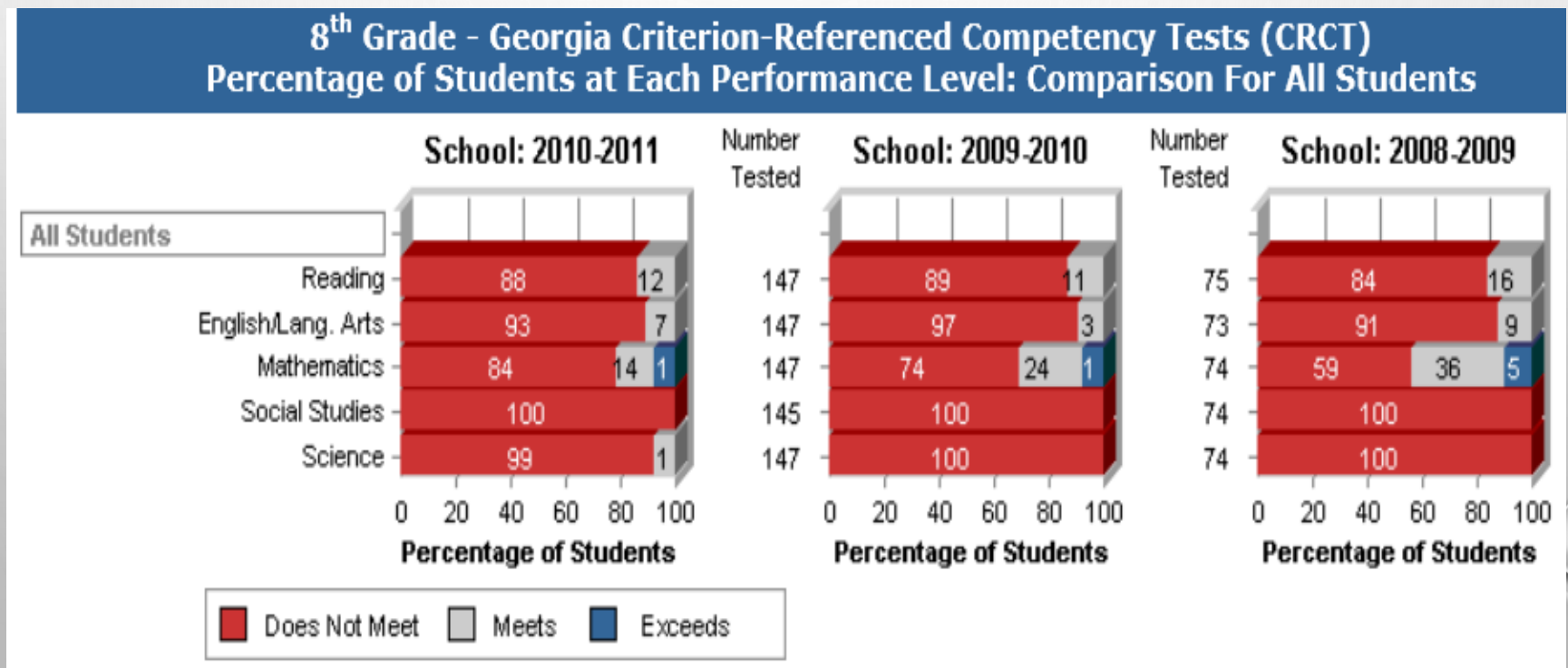
Note: the assessment was developed for fluent English Speakers, and our students are not fluent in English. Students fluent in English are not at our school.

7th Grade - Georgia Criterion-Referenced Competency Tests (CRCT) Percentage of Students at Each Performance Level: Comparison For All Students

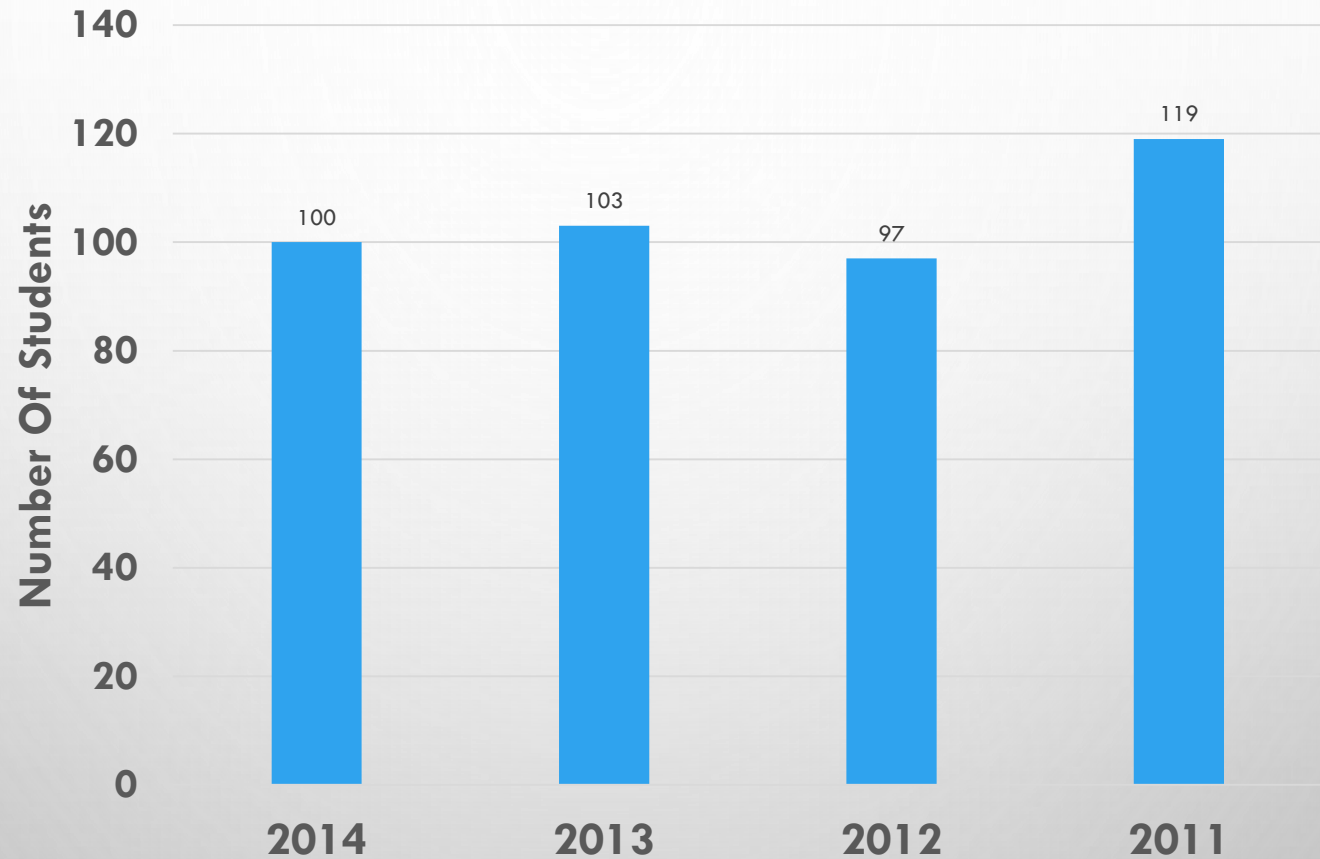


The CRCT indicates a history of our students not performing...
Georgia Criterion-Referenced Competency Tests

Meets assessment scores for 8th grades has a slightly better history in Reading and in Math.

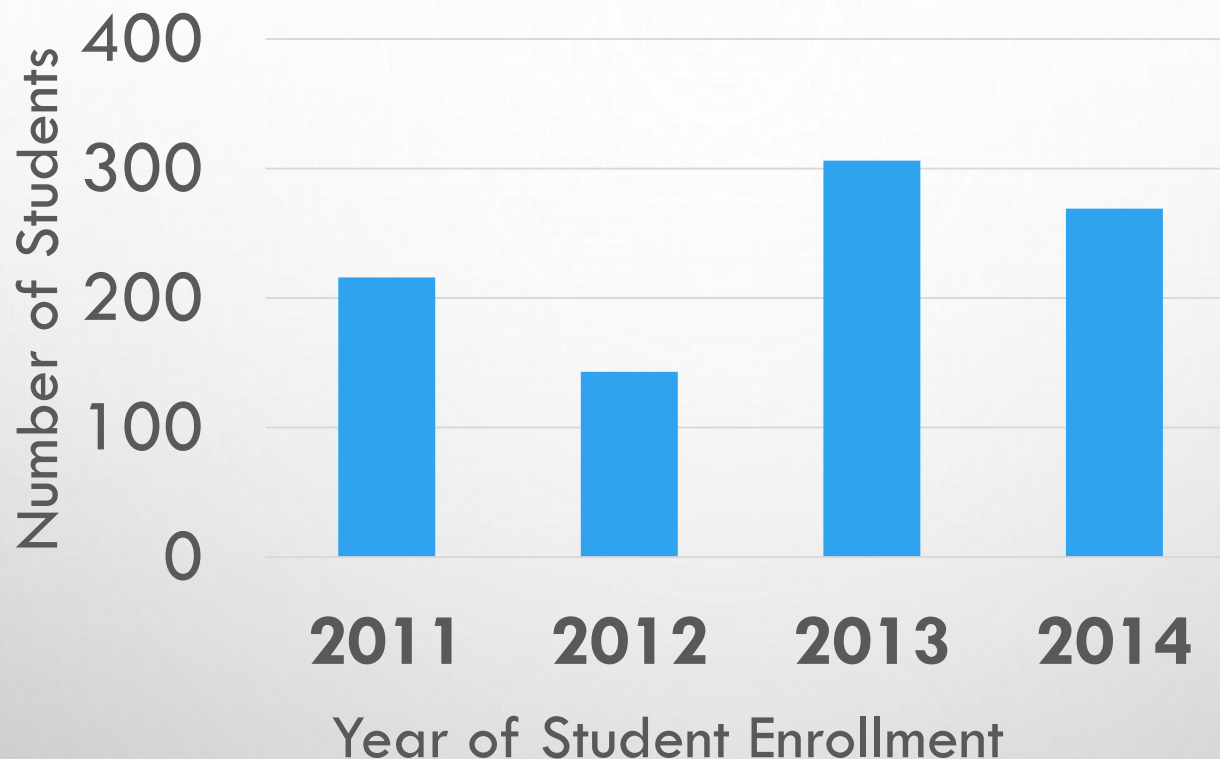


Asian Student Population



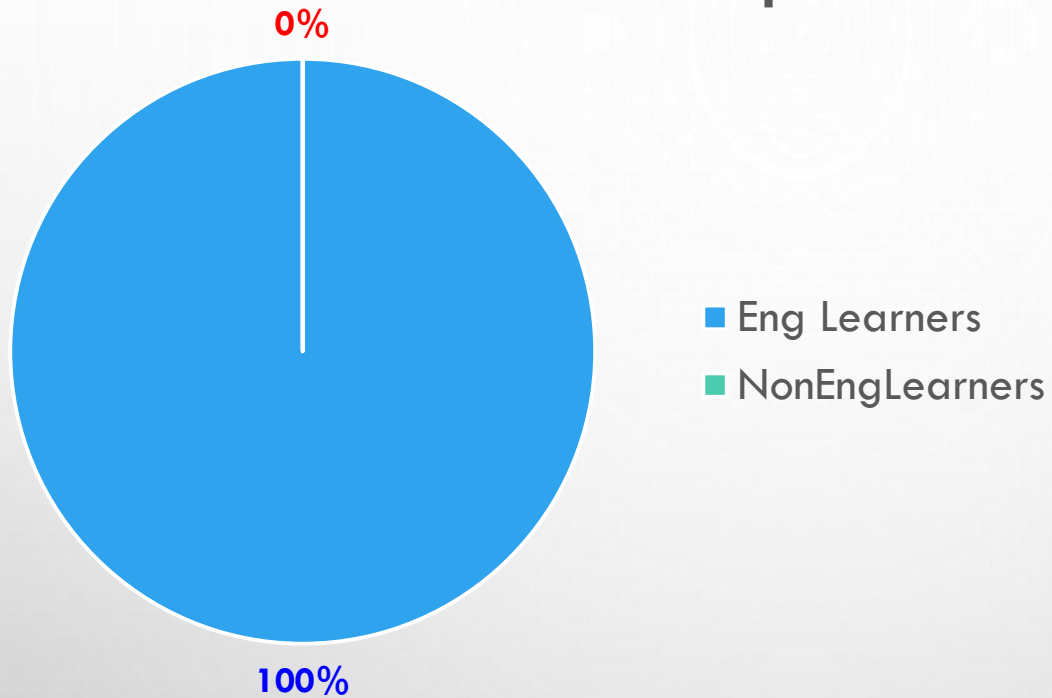
Asian Student Population, 2011 - 2014

Students Population 2011-2014



The student population changes from year to year. This is mostly due to nations at war or conflict and natural disasters.

Student Population



The body is entirely that of English Learners

Researchers agree that fluency in a second language takes many years (Archibald et al., 2007, p. 3)

Reference

Archibald, J., Roy, S., Harmel, S., Jesney, K., Dewey, E., Moisik, S., et al. (2006). A review of the literature on second language learning. Retrieved from <http://education.alberta.ca/media/349348/litreview.pdf>.

After two years, the majority of our students depart the school program with English reading and writing skills at the 3 grade level.

The majority of our students enter 7th grade without any English Skills.

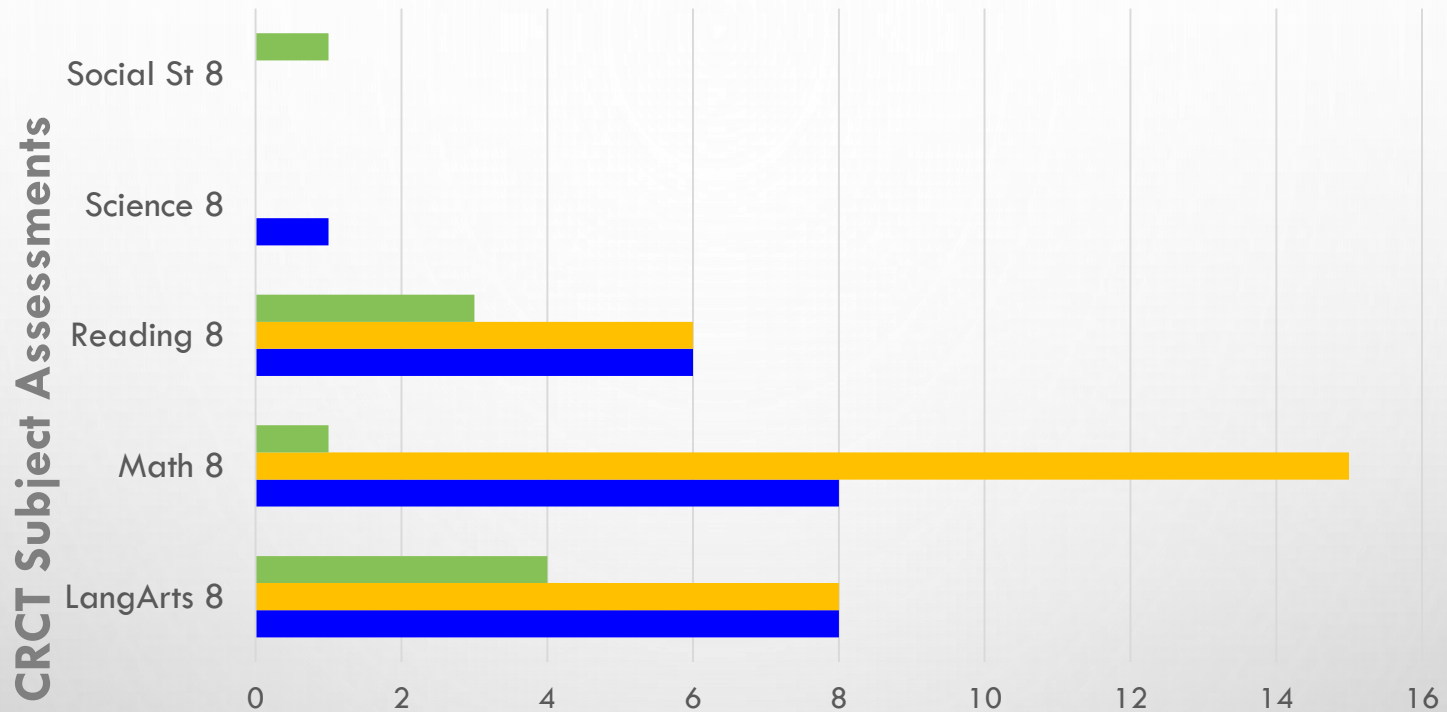
Students' low CRCT score can still indicate necessary initiatives in instruction to advance learning.

Science Instruction

Budgeted and annually funded initiatives for reading and math, such as Star Reading and Star Math, are in place and since implementation content assessment results have indicated measureable learning gains.

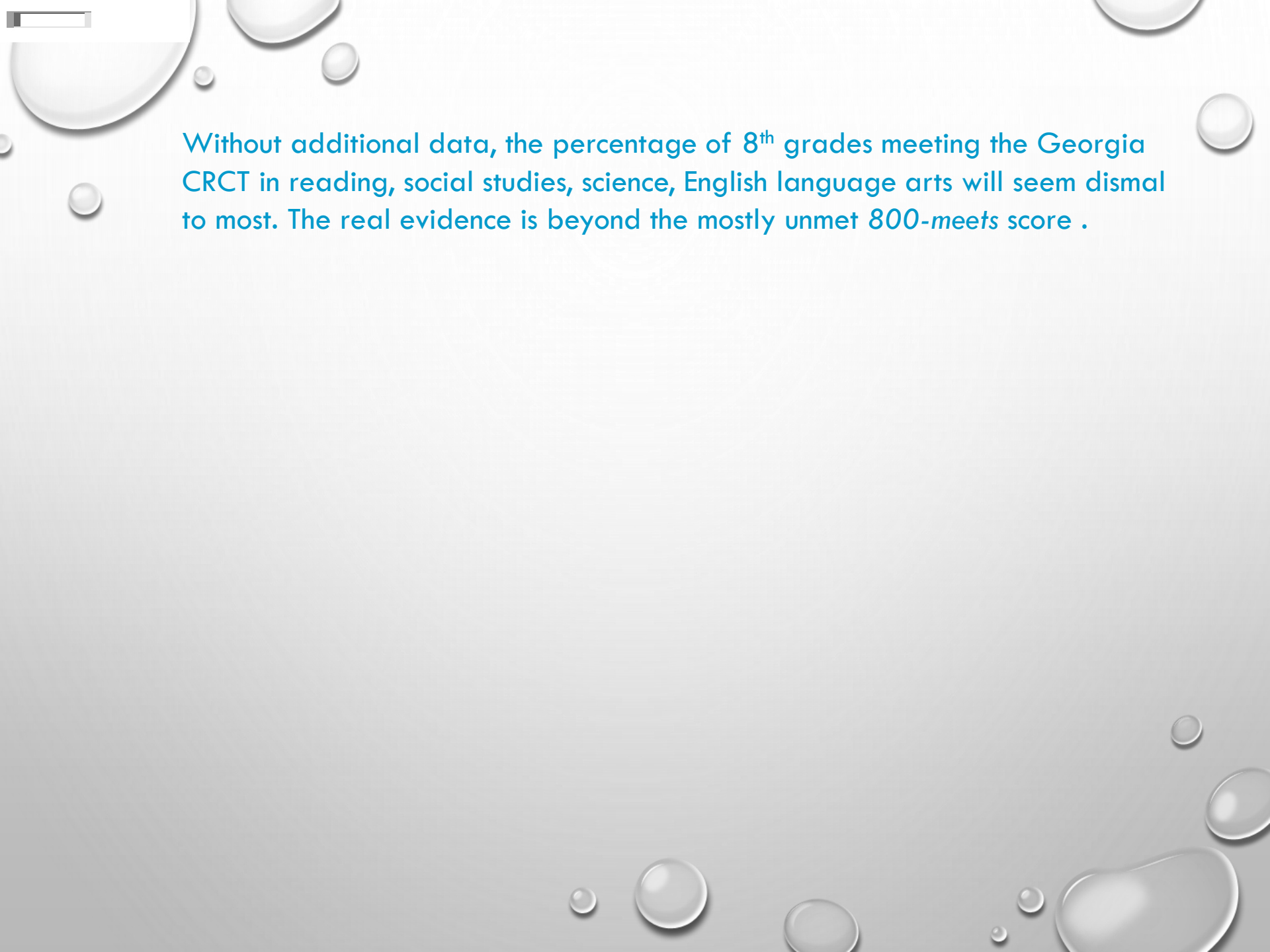
Science content is mapped to Common Core and relies heavily on teacher-lead instruction in the classroom. With an appropriate initiative to support learning in Science the gap between Math/Reading and Science achievement scores can be addressed.

8th grade Science CRCT results the past 3 years



Number of 8th graders Scoring 800 (+)

■ 2013 ■ 2012 ■ 2011

The slide features a light gray background with a subtle gradient. It is decorated with numerous realistic water droplets of various sizes, some with highlights and shadows, scattered primarily along the top and bottom edges. In the top-left corner, there is a small, partially visible rectangular element with a black and white gradient.

Without additional data, the percentage of 8th grades meeting the Georgia CRCT in reading, social studies, science, English language arts will seem dismal to most. The real evidence is beyond the mostly unmet 800-meets score .