# GREAT SCHOOLS

## SUMMER LEARNING



## Summer Learning Loss Does Exist!

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As a life long educator I experienced the reality of summer learning loss first hand with my students.

In order to combat summer learning loss, I developed a creative solution to allow me to reach my students throughout throughout throughout pen pals!





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## Summer Learning

Everyone needs to be involved to eliminate summer learning loss



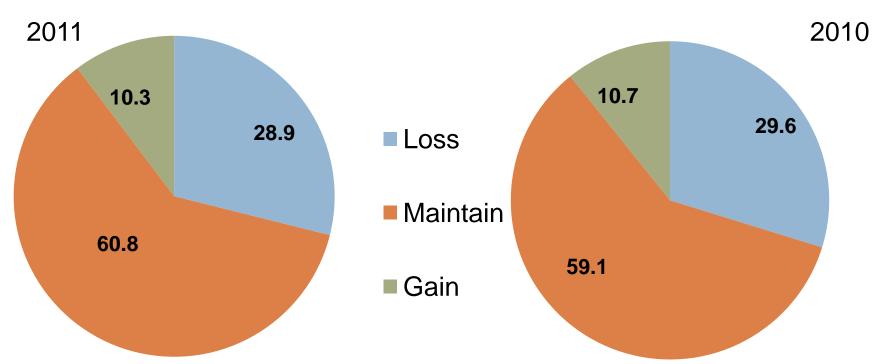
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## Math Summer Learning Loss

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National research shows that students will lose 50% of math skills during the summer from the previous year. City Schools data shows that loss has been cut to 29%.

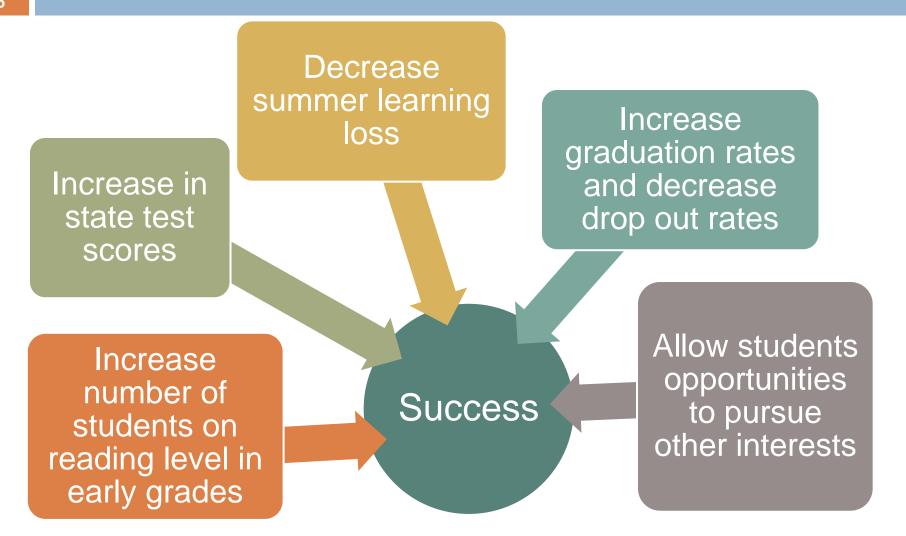


Data compares the June Benchmark and the September Benchmark results for the students who attended Summer Academies. National research shows that urban students lose math skills on the average of 3 months during the summer. About 60% of students did not lose any math during the summer and 10% actually gained additional skills during the summer. \*This data reflects the Districts emphasis on BASIC students.



## What will success look like for 2012?

5





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## General Overview of Summer 2012

6

## High School

Credit Recovery
2200 students
Cost \$1M

#### Middle Grades

1500 students \$1M (from i3) \$1M (General funds)

> 300 students Promotion Site \$300,000

#### Elementary Reading Academies

80 hours of PD for teachers and 4 weeks of 3 hours of instruction daily

4000 students at Reading Academy sites

\$2.3M

#### **Enrichmes**

STEM for 10 additional elementary schools

World Language
Camp for
advanced students

Algebra prep for middle school students

AP prep for high school students \$500,000



## Elementary STEM Summer Learning

7

Teachers increase science content and project based teaching through daily

Students learn math and reading through science

Students are engaged which decreases summer learning loss

Engineering tasks link all the content areas



## Middle Grades Summer Learning

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8

Fitness and sports are great hooks to attract and engage students in the summer

The arts have direct connections to math skills

Robots allows students to apply the math they are learning

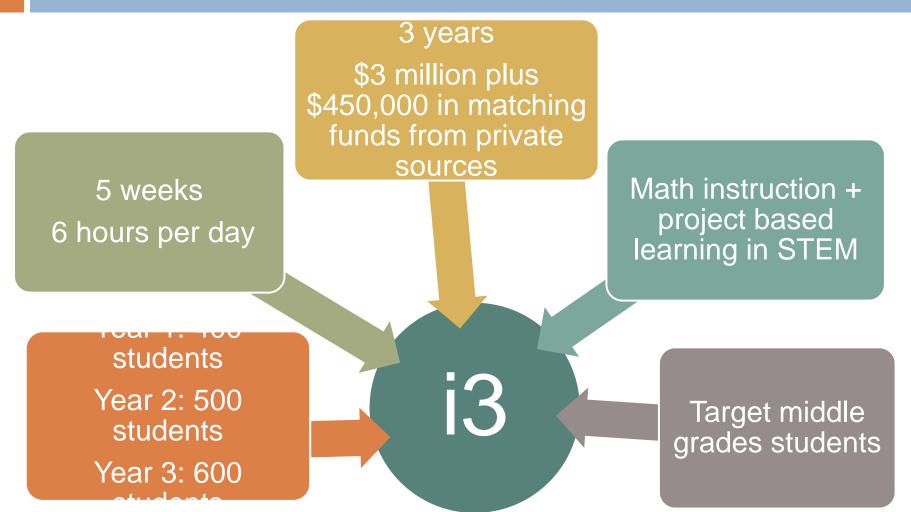
Increase Math Skills Remote control cars engage students and support math skills



## i3 STEM – Summer Learning

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9





## **Partnerships**

10

## City of Baltimore

- Libraries
- Recreation Centers
- Mayor's Office

#### **Private funds**

- Family League of Baltimore wrap around summer enrichment
- Private grants to enhance wrap around summer enrichment

# Other Partnerships

- Abell Foundation Summer Reads for 2000 students
- Orioles & T. Rowe Price Project Based units for 5000 students

### Questions?

4



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