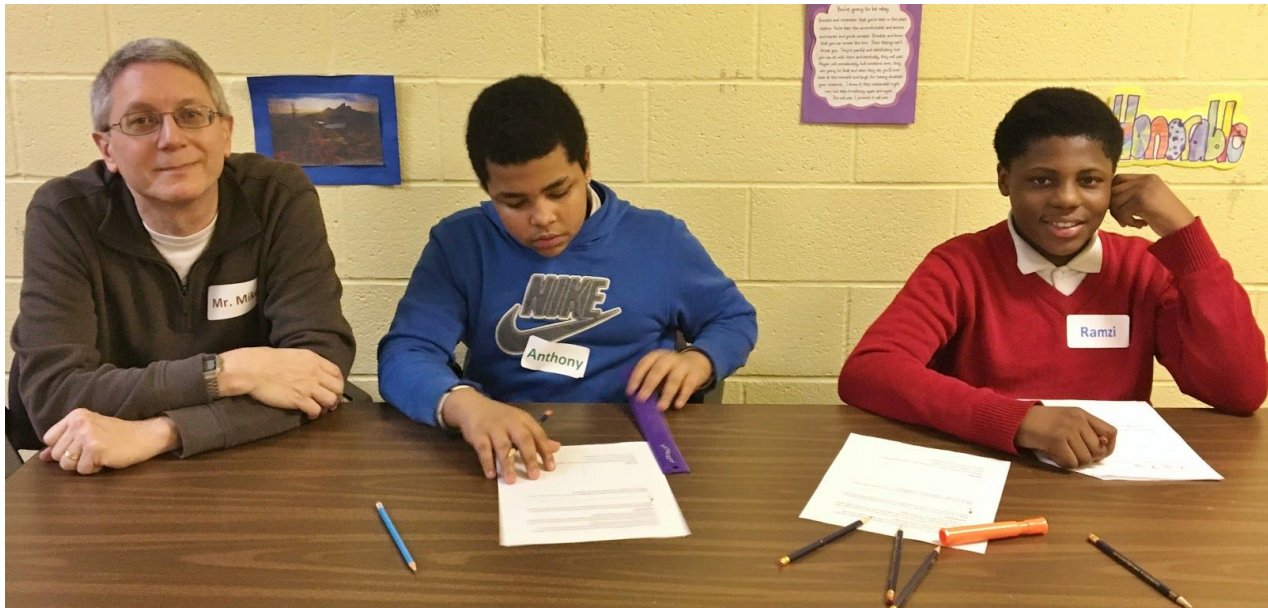




We have math experts who come every week, sometimes twice a week, to help scholars work through their math challenges.



QUOTES

From Nelson Mandela

"I learned that courage was not the absence of fear, but the triumph over it. The brave man is not he who does not feel afraid, but he who conquers that fear."

"There is no passion to be found playing small - in settling for a life that is less than the one you are capable of living."

"And as we let our own light shine, we unconsciously give other people permission to do the same"

THIS WEEK IN NUMBERS

Individual Math Assessments Completed: 32

Science Experiments Conducted: 31

Average Standards Passed per Scholar: 4.8

Number of Puzzles Attempted: 3

Average Participation Each Night: 20



DAILY PUZZLE
Solve the puzzle and turn it in. We draw for prizes.

Solve the pentomino puzzle with the given pieces. Outline where you think the pieces go.

POWER UP

By Sarah Bigwood

This week we learned about the PH scale. We explored the natural properties of cranberry juice and compared our results with litmus paper.

Our STEAM curriculum developers met last week to review the data we've collected since the beginning of the school year. We found that our system works for nearly 1/2 of the scholars. That's good news!

Some scholars struggle with the system and it causes them to want to give up.

We consider it our job to figure out why they are struggling and do something to help.

So, this week we replaced Team Math time with something we are calling Power Up Time. Power Up time gives scholars who need it daily attention and repetitive challenges so they can master the concepts needed to move more efficiently through their assessments.

It's been one week and we've noticed that Power Up scholars are less frustrated and more engaged.

WORDS OF THE WEEK

Absolute Value: the distance a number is from zero. -3 and +3 are the same distance. Both are 3.

Reciprocal: a number that when multiplied by a fraction results in 1. (Hint: flip the number)

Imaginative: showing creativity or inventiveness..

STEAM HIGHLIGHT

ACIDS AND BASES

Litmus paper roughly indicates whether a sample is an acid or a base. Acids and bases can help neutralize each other. Acids turn litmus paper red, bases turn it blue.