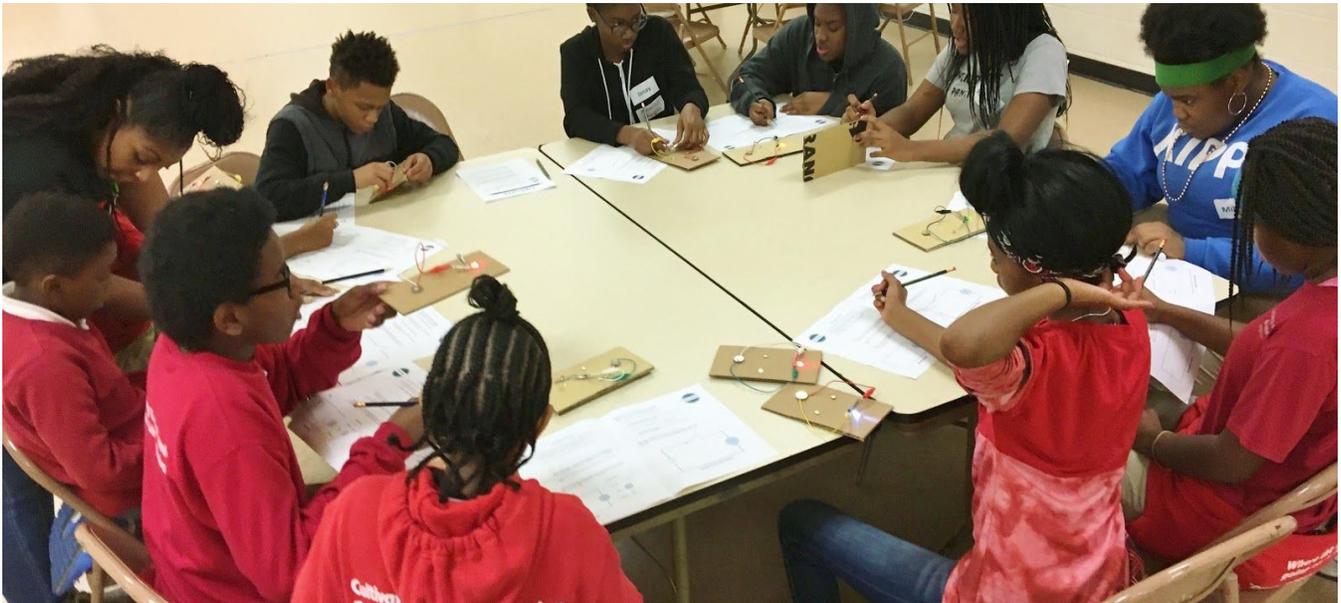




STEAM stands for Science, Technology, Engineering, Arts, and Math. Scholars get STEAM time in the evenings after dinner.



## QUOTES

*From Martin Luther King Jr.*

“I refuse to accept the view that mankind is so tragically bound to the starless midnight of racism and war that the bright daybreak of peace and brotherhood can never become a reality.... I believe that unarmed truth and unconditional love will have the final word.”

“In the End, we will remember not the words of our enemies, but the silence of our friends.”

“The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education.”

## THIS WEEK IN NUMBERS

Individual Math Assessments Completed: 31

Math Games Played: 32

Science Experiments Conducted: 32

Average Standards Passed per Scholar: 6.6

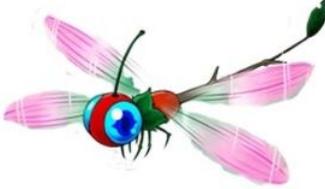
Number of Puzzles Attempted: 14

Average Daily Attendance for STEAM: 11



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

Tristan and Isolde are separated by 100 furlongs. They decide to meet, travelling in chairs that are carried by porters at a speed of 10 furlongs per hour. A dragonfly, whose speed is 150 furlongs per hour, then starts an uninterrupted journey back and forth between the two chairs. What distance has the dragonfly travelled at the moment when the two friends finally meet?



### GAINING STEAM!

By Rev. Sarah Bigwood

This was our best week all year. We have a routine and it's working. The incredible behavior of our scholars is allowing our volunteers to handle more than one scholar at a time.

This week we conducted experiments on density and learned the reason why some things float in water and some things sink.

We played a memory game exposing scholars to the math terms associated with circles. After a particularly

heated game, one scholar was overheard saying, "I thought this was going to be boring, but it turned out to be fun."

The daily puzzles are starting to get attention. Starting next week, we are going to make the puzzles available during the afternoon time. Scholars can turn them in during STEAM Time.

Scholars are paying closer attention to the Word of the Day because they will be asked about the words by every adult they encounter during STEAM Time.

**WORDS OF THE WEEK**

**Factors:** The numbers one multiplies to get a product.

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**Decimal:** The point that separates whole numbers from fractions in a number

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**Competent:** Having necessary ability, knowledge or skill to do something successfully.

**STEAM HIGHLIGHT**

### Density

Density is a characteristic of every object. The density of an object is determined by two things: the mass of the molecules in the object, and how tightly packed the atoms are together.

The formula for density is  $\text{density} = \text{mass}/\text{volume}$  or  $d=m/v$ . We normally use weight instead of mass. It's not as accurate, but it is much easier to measure.

