

# The Math Minute

1<sup>st</sup> Quarter Highlights!

## Learning Targets



A big shout out to Heather Toliver, Science TOSA and District FIP Specialist, for sharing her wealth of knowledge regarding learning targets. Following her presentation, small groups worked to generate learning targets for selected performance indicators of the Mathematics Graduation Competencies.



## Foundations of Algebra

Foundations of Algebra was offered as a blended/virtual summer school course this year! Upon successful completion of this course, students earned a high school credit. This course is designed to bridge any documented gaps in preparation for Coordinate Algebra.



## Advanced Math Team



Look forward to seeing a Draft of the Advanced Math Placement documents, which will be available Spring 2017!

## Summer Initiatives

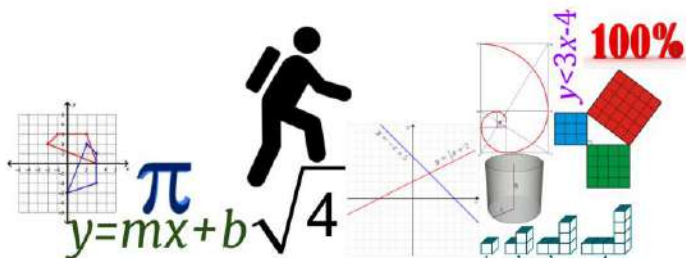
A dedicated group of Henry County teachers gathered together this summer to collaborate on some exciting math initiatives! Thank you to all of you that took part in this gathering of great minds. So many useful resources were created which will positively impact instruction and learning!

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NCTM Summer Institute 2016  
Engaging Students in Learning:  
Mathematical Practices

## Keep Math Active



“Keep Math Active” (KMA) is a blended learning summer program for rising 6th graders, rising 7th graders and rising 8th graders of Henry County Schools. The program was designed to engage students in a blend of face-to-face and online learning. Students, parents, and teachers found this experience to be very positive!



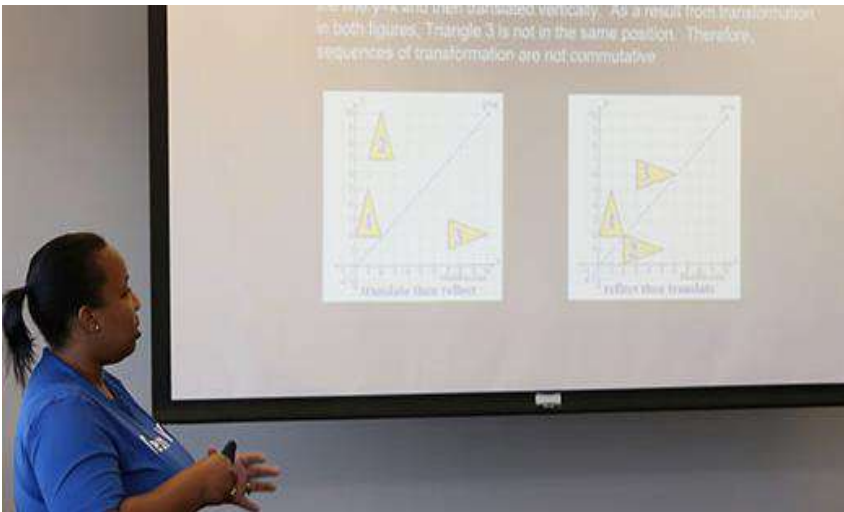
This institute provided us the opportunity to enhance our instructional practice with in-depth professional development. We learned new instructional strategies in number and operations, fraction/rational number, ratio and proportional reasoning, statistics and probability, algebra, geometry, and algebra 2 to ensure our students develop mathematically proficient habits of mind.

What Do You Notice?? What Do You Wonder??  
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### Monopoly Data

Property	Apartment Rent (\$)	% Cost
Mediterranean Avenue	1	60
Baltic Avenue	3	60
Reading Railroad	5	200
Oriental Avenue	6	100
Vermont Avenue	8	100
Connecticut Avenue	9	120
St. Charles Place	11	140
Electric Company	12	150
States Avenue	13	140
Virginia Avenue	14	160
Penn Railroad	15	200
St. James Place	16	180
Tennessee Avenue	18	180
New York Avenue	19	200
Kentucky Avenue	21	220
Indiana Avenue	23	220
Illinois Avenue	24	240
B & O Railroad	25	200
Atlantic Avenue	26	260
Ventnor Avenue	27	260
Water Works	-28	150
Marvin Gardens	29	280
Pacific Avenue	31	300
North Carolina Avenue	32	300
Pennsylvania Avenue	34	320
Short Line Railroad	35	200
Park Place	37	350
Boardwalk	39	400





## Teacher Quality Grant

A recent Teacher Quality Grant provided the opportunity for a few of our teachers to engage in professional development which focuses on enhancing teachers' abilities to teach analytic geometry, reasoning and sense making outlined by the Georgia Standards of Excellence. The participants worked in teams to choose specific mathematics concepts and brainstorm possible ways to enhance teaching these concepts to high school students in class-based situations.

## College Readiness Mathematics Summer Institute Program

The State Board of Education approved the addition of College Readiness Mathematics to our roster of fourth mathematics course options on March 31, 2016. College Readiness Mathematics will serve students who have completed Algebra I or Coordinate Algebra, Geometry or Analytic Geometry, and Algebra II or Advanced Algebra, but who are still struggling with high school mathematics standards essential for success in first year post-secondary mathematics courses required for non-STEM majors.



## Congratulations to our Challenge 24 winners!

