

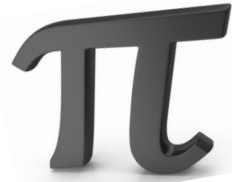
Curriculum Night 2024

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# Mathematics



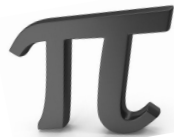
*The Math Department welcomes  
you to the 2024 Curriculum Night*



*Mrs. Campbell*

*Ms. Fritz*

*Math Department Co-Chairs*



# *Mathematics Mission Statement*

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As math teachers, we seek to engage our students in:

- enjoying mathematics and developing curiosity
- communicating clearly and confidently in a variety of contexts
- developing logical, critical and creative thinking
- applying and transferring skills to a wide range of real-life situations

*Let's explore the course  
options for mathematics by  
grade level.*



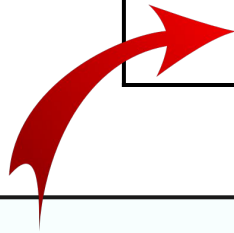


# Course Options:

*6th Grade*

Math 6

Math 6 Advanced



Math 7 Content

Math 6 Advanced is open enrollment. Keep in mind that your child will be skipping a math grade level.





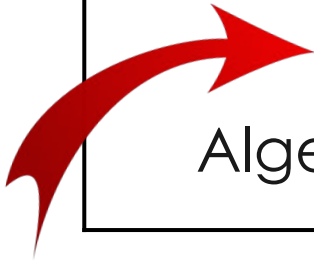
# Course Options:

*7th Grade*

Math 7

Math 7 Honors

Algebra I Honors (HS Credit)



PreAlgebra Content

Algebra I Honors is open to students who are pass advanced on the 7th grade SOL and a 91 or higher on the IOWA test.





# Course Options:

## *8th Grade*

Math 8 (PreAlgebra)

Algebra I (HS Credit)

Algebra I Honors (HS Credit)

Geometry Honors (HS Credit)







# Course Options for Math $\pi$

<i>6th Grade</i>	<i>7th Grade</i>
Math 6 Math 6 Advanced	Math 7 Math 7 Honors Algebra I Honors (HS Credit)
<i>8th Grade</i>	
Math 8 (PreAlgebra) Algebra I (HS Credit) & Algebra I Honors (HS Credit) Geometry Honors (HS Credit)	



FYI

*Algebra 1 Honors is a prerequisite for admission to Thomas Jefferson High School for Science & Technology.*

You can find more information about TJ on the FCPS website:

[www.fcps.edu/tjadmissions](http://www.fcps.edu/tjadmissions)

# Standardized Tests in Math $\pi$

<b>SOLs</b>	Students in all math classes will take an end-of-the-year assessment to measure their growth with grade-level content. This assessment is computer adaptive. Algebra I, Algebra I Honors, and Geometry Honors students will receive a verified high school math credit upon passing of the SOL.
<b>Virginia Growth Assessments (VGA)</b>	Students in all math classes will take <b>two</b> computer adaptive SOL-type assessments to measure growth on previous and current content. These will take place in the Fall and Winter.
<b>Math Inventory</b>	Students will take a countywide, computer adaptive math inventory to measure their progression in fact fluency and categories of math content.
<b>Iowa Algebra Aptitude Test (IAAT)</b>	Students enrolled in <b>Mathematics 6 Advanced</b> will take the IAAT to measure their readiness for Algebra I. This will be considered in conjunction with SOL scores, unit assessments, and grades for entry into Algebra I Honors for 7th grade.

# Free Tutoring Help:

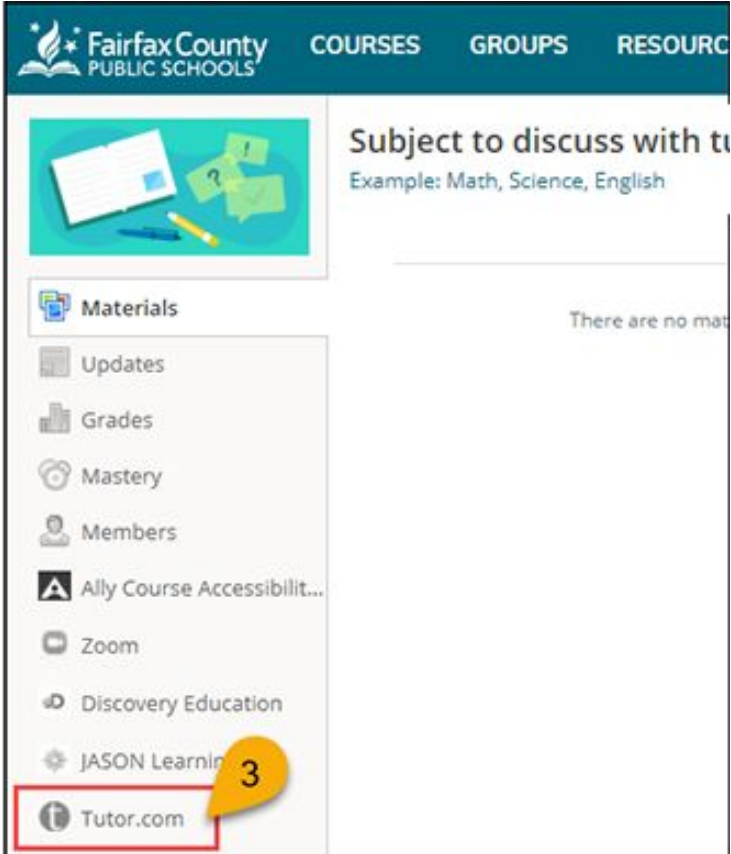
Don't forget about  
Tutor.com

\*24 Hour Tutoring

\*Translation

\*Writing Support

All available through  
 Schoology!



The screenshot shows the Fairfax County Public Schools Schoology interface. At the top, the logo for Fairfax County Public Schools is visible, along with navigation tabs for COURSES, GROUPS, and RESOURCES. Below the header, there is a section for "Subject to discuss with the teacher" with an example: "Example: Math, Science, English". A sidebar on the left lists various Schoology features: Materials, Updates, Grades, Mastery, Members, Ally Course Accessibility, Zoom, Discovery Education, JASON Learning, and Tutor.com. The Tutor.com icon is highlighted with a red box, and a yellow speech bubble with the number "3" is next to it, indicating three items or notifications.

# *Lightspeed Parent Information*



*Lightspeed is the  
filtering software  
used in FCPS.*

# *Lightspeed Parent Information*



*Parents can get information about their child's activity on their FCPS laptop. **Sign up to receive a weekly Parent Report** from Lightspeed, our internet content filtering service, which will provide a list of the top sites the child visited that week.*

# *More questions about Middle School Mathematics?*

*Visit the FCPS Website:*

*[www.fcps.edu/academics/middle/mathematics](http://www.fcps.edu/academics/middle/mathematics)*

*You can also find resources from VDOE  
about the math standards of learning for  
each grade level.*

*Questions?*