

# Welcome 7<sup>th</sup> Advanced<sup>d</sup> Math Families

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**MARCH 20<sup>TH</sup> , 2018**





*Vickery Creek Middle*



# 8<sup>th</sup> Grade Course Preview

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7 <sup>th</sup> grade ELA		8 <sup>th</sup> grade ELA	<i>(On Level or Adv)</i>
7 <sup>th</sup> grade Reading		Spanish 1 (HS credit)	
7 <sup>th</sup> grade Life Science		Physical Science (HS credit)	<i>(On Level or Adv)</i>
7 <sup>th</sup> grade World History		8 <sup>th</sup> grade Georgia Studies	<i>(On Level or Adv)</i>

7 <sup>th</sup> grade On Level Math		8 <sup>th</sup> grade Math	<i>(On Level)</i>
7 <sup>th</sup> grade Advanced Math		Algebra 1 (HS credit)	<i>(Advanced)</i>
7 <sup>th</sup> grade Accelerated Math		Algebra 1/Geo A (HS credit)	<i>(Accelerated)</i>

**Forsyth County Schools**  
**Secondary Mathematics**  
**Georgia Standard of Excellence (GSE) Math Course Sequence**

Grade	Support	Standard	Advanced	Accelerated
6	GSE 6 <sup>th</sup> Grade Math	GSE 6 <sup>th</sup> Grade Math	GSE 6 <sup>th</sup> Grade Math Advanced	GSE Accelerated Math 6/7A
7	GSE 7 <sup>th</sup> Grade Math	GSE 7 <sup>th</sup> Grade Math	GSE 7 <sup>th</sup> Grade Math Advanced	GSE Accelerated Math 7B/8
8	GSE 8 <sup>th</sup> Grade Math	GSE 8 <sup>th</sup> Grade Math	GSE Algebra I (HS credit)	Accelerated GSE Algebra/ Geometry A (HS credit)
9	GSE Algebra I & Algebra Support	GSE Algebra I	GSE Geometry	Accelerated GSE Geometry B/ Algebra II
10	GSE Geometry & Geometry Support	GSE Geometry	GSE Algebra II	Accelerated GSE Pre- Calculus
11	GSE Algebra II	GSE Algebra II	GSE Pre-Calculus	AP Calculus AB/BC, AP Statistics, Dual Enrollment
12	GSE Advanced Mathematical Decision Making, Mathematics of Finance, Statistical Reasoning	GSE Pre-Calculus, GSE Advanced Mathematical Decision Making, AP Statistics, Statistical Reasoning	GSE Calculus, AP Statistics, Dual Enrollment	AP Calculus AB/BC, AP Statistics, Dual Enrollment, Multivariable Calculus

# Advanced Math Course Sequence

8 <sup>th</sup> Grade	9th Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
GSE Algebra 1	GSE Geometry	GSE Algebra II	GSE Pre-Calculus	GSE Calculus AP Statistics Dual Enrollment

# Why Algebra 1?

- Allows students to continue on the advanced math track
- Allows advanced students to earn a high school math credit in 8<sup>th</sup> grade
- Many 8<sup>th</sup> grade standards overlap with Algebra 1
- Alternative option for accelerated students to remain in advanced track
- Allows students in this pathway, to take AP Calculus or AP Statistics in 12<sup>th</sup> grade

# Transition Pathway to Algebra 1

- County training for 7<sup>th</sup> grade math teachers on March 26<sup>th</sup>
- Student instruction on designated 8<sup>th</sup> grade standards in April/May after milestone testing

# Transition Pathway to Algebra 1

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- Optional free Summer Algebra 1 Boot Camp
  - Two-day (2 hours per day) camp with a session in June and another session in July. Specific dates and times will be announced at later date.
  - Camps will review and reinforce same 8<sup>th</sup> grade standards taught in late April and May. No new standards will be covered.
  - Your child may attend just 1 of the 2 days of a single camp.
  - Your child may attend either the June camp, the July camp , or both camps.
  - Email your child's teacher if interested.

# GSE Algebra 1

- Algebra 1 content will be taught by High School Certified Math Teachers
- Algebra 1 teachers will continue to transition the 8<sup>th</sup> grade math standards in Algebra 1
- Students will take End of Course Testing, 20% of overall grade.
- High school credit will be earned for final course grade of 70% or higher.



# Common Questions and Answers

1. Do 7<sup>th</sup> grade advanced math students automatically go into 8<sup>th</sup> Algebra 1?

Answer: Yes, unless the teacher has contacted the parent. Placement is based upon 7<sup>th</sup> grade progress and teacher recommendation.

2. What happens if my student is struggling or cannot keep up in Algebra 1?

Answer: We want the teacher, student, and parent to be in communication with each other. Initial interventions may include morning help sessions and/or Viper Academy, or any other approved interventions. Ultimately, a schedule change would be considered.

3. How does the high school credit for Algebra 1, Spanish, and Physical Science affect the high transcript and GPA?

Answer: These courses and their grades will be posted on your child's high school transcript. These grades do not calculate into your child's high school GPA. The high school GPA begins with courses taken during your child's 9<sup>th</sup> grade year.

# Common Questions and Answers

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4. How many credits can a middle school student obtain while in middle school?

Answer: A VCMS student can obtain up to 5 high school credits (Algebra 1 or Accelerated Math, Spanish, Physical Science, Chorus, and Band).

5. Is the Accelerated Math (Algebra 1/Geo A) worth 1 or 2 high school credits?

Answer: It is worth 1 credit. As a 9<sup>th</sup> grader, GSE Accelerated Geo B/Algebra 2 is the next math class in this sequence. Student will take a Geometry EOC in December. Student will again earn just 1 credit for this course.

6. Can a 7<sup>th</sup> advanced student be placed into 8<sup>th</sup> accelerated math?

Answer. No, data has shown that this is not in the student's best interest due to the substantial number of missed standards. The Algebra 1 course will allow for students to be a year ahead with the math credits.

# Common Questions and Answers

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7. Who do I contact if I have a question?

Answer: Contact your child's math teacher. If the teacher does not know the answer to your question, then the teacher will contact someone ( counselor, administrator) for assistance and get back to you.