



# RISING 7<sup>TH</sup> GRADE MATH OPTIONS

Northwest Middle School

## Rising Seventh Grade Course Offerings

|                         |   |   |
|-------------------------|---|---|
| <p><b>Math 7</b></p>    | <p>Math 7 is the on-grade-level course. It is a rigorous math course that covers <b>100% of 7th Grade NC Math Standards</b>. There are embedded opportunities for enrichment to dig deeper into the seventh grade math standards to meet the needs of each and every student taking Math 7.</p>   |   |
| <p><b>Acc 7</b></p>     | <p>Accelerated Math 7 is an accelerated course and is the natural progression for students who completed AIMM. This course fully prepares middle school students to take their first high school math course, NC Math 1 in their 8th grade year.</p> <p>It is a rigorous math course that covers the remaining 40% of 7th Grade NC Math Standards course <b>AND</b> 100% of the 8th Grade NC Math Standards. There are embedded opportunities for enrichment to dig deeper into the standards to meet the needs of each and every student.</p>  | <p><b>Considerations for Accelerated 7 Enrollment:</b><br/> <b>Accelerated 6 or AIMM Students</b> who successfully complete the course with a grade C or higher and meet <b>one</b> of the following criteria:</p> <ul style="list-style-type: none"> <li>● Level 3 or higher on the previous EOG</li> <li>● 70th percentile or above on the Winter or Spring NWEA MAP assessment</li> </ul> <p style="text-align: center;">-or-</p> <p><b>Math 6</b> students can also enroll in Accelerated Math 7 during 7th grade if they meet <b>one</b> of the following criteria:</p> <ul style="list-style-type: none"> <li>● Level 5 on previous EOG</li> <li>● 80th percentile or above on the Winter or Spring NWEA MAP assessment</li> </ul> <p><i>*Students taking this pathway are highly encouraged to take a summer Bridge course that will engage students with 7th grade standards that they missed by not taking Accelerated Math 6.</i></p> |
| <p><b>NC Math 1</b></p> | <p><b>NC Math 1</b> is the first high school course expected of students in grades 9-12. It covers 100% of the NC Math 1 curriculum. <i>As such, students choosing to skip MS math courses in order to take NC Math 1 during their seventh grade year are highly encouraged to take the summer course, Bridge to NC Math 1, to more fully prepare for taking NC Math 1 two years early.. Note that this option means condensing three years of important prerequisite concepts and skills for high school mathematics courses into 1 year plus 1 summer course. This may result in limited conceptual understanding of foundational mathematical concepts and skills.</i></p> <p><b><u>7th grade students enrolled in NC Math 1 take the 7th grade EOG and the Math 1 EOC. The EOC will count as 20% of the final course grade. If a student passes Math 1 with a D or above, they cannot retake Math 1 in 8th grade or high school per North Carolina Department of Public Instruction.</u></b></p> <p><i>NC DPI policy states that students enrolled in NC Math 1 or NC Math 2 cannot be removed from the course after 20 days.</i></p> | <p><b>Considerations for NC Math 1 Enrollment:</b></p> <p><b>Accelerated Math 6 or AIMM Students</b> who choose to take this math course should meet at least <b>three</b> of the following criteria:</p> <ul style="list-style-type: none"> <li>● Level 5 on previous EOG</li> <li>● 90th percentile or above on the Winter NWEA MAP assessment</li> <li>● 90th percentile or above on the Spring NWEA MAP assessment</li> <li>● 80% or higher on the Bridge to Math 1 Pre-Assessment <b>-OR-</b> Completion of Summer Bridge to NC Math 1 course with a 80% or higher on Post Assessment during summer between 6th and 7th grade year*</li> </ul> <p><i>*Any student who scores in the 90th percentile on any of the NWEA MAP assessment administrations during 6th grade will receive an invitation to enroll in summer Bridge to Math 1 if they so choose.</i></p>  |

# Math 7

Math 7 is the on-grade-level course. It is a rigorous math course that covers **100% of 7th Grade NC Math Standards**. There are embedded opportunities for enrichment to dig deeper into the seventh grade math standards to meet the needs of each and every student taking Math 7.

# Accelerated Math 7

Accelerated Math 7 is an accelerated course and is the natural progression for students who completed AIMM. This course fully prepares middle school students to take their first high school math course, NC Math 1 in their 8th grade year.

It is a rigorous math course that covers the remaining 40% of 7th Grade NC Math Standards course **AND** 100% of the 8th Grade NC Math Standards. There are embedded opportunities for enrichment to dig deeper into the standards to meet the needs of each and every student.

## Considerations for Accelerated 7 Enrollment:

**Accelerated 6 or AIMM Students** who successfully complete the course with a grade C or higher and meet one of the following criteria:

- Level 3 or higher on the previous EOG
- 70th percentile or above on the Winter or Spring NWEA MAP assessment

-or-

**Math 6** students can also enroll in Accelerated Math 7 during 7th grade if they meet one of the following criteria:

- Level 5 on previous EOG
- 80th percentile or above on the Winter or Spring NWEA MAP assessment

*\*Students taking this pathway are highly encouraged to take a summer Bridge course that will engage students with 7th grade standards that they missed by not taking Accelerated Math 6.*

# NC Math 1

*NC Math 1 is the first high school course expected of students in grades 9-12. It covers 100% of the NC Math 1 curriculum. As such, students choosing to skip MS math courses in order to take NC Math 1 during their seventh grade year are highly encouraged to take the summer course, Bridge to NC Math 1, to more fully prepare for taking NC Math 1 two years early.. Note that this option means condensing three years of important prerequisite concepts and skills for high school mathematics courses into 1 year plus 1 summer course. This may result in limited conceptual understanding of foundational mathematical concepts and skills.*

**7th grade students enrolled in NC Math 1 take the 7th grade EOG and the Math 1 EOC. The EOC will count as 20% of the final course grade. If a student passes Math 1 with a D or above, they cannot retake Math 1 in 8th grade or high school per North Carolina Department of Public Instruction.**

*NC DPI policy states that students enrolled in NC Math 1 or NC Math 2 cannot be removed from the course after 20 days.*

## Considerations for NC Math 1 Enrollment:

Accelerated Math 6 or AIMM Students who choose to take this math course should meet at least **three** of the following criteria:

- Level 5 on previous EOG
- 90th percentile or above on the Winter NWEA MAP assessment
- 90th percentile or above on the Spring NWEA MAP assessment
- 80% or higher on the Bridge to Math 1 Pre-Assessment -OR- Completion of Summer Bridge to NC Math 1 course with a 80% or higher on Post Assessment during summer between 6th and 7th grade year\*

*\*Any student who scores in the 90th percentile on any of the NWEA MAP assessment administrations during 6th grade will receive an invitation to enroll in summer Bridge to Math 1 if they so choose.*



# Summer Virtual Math Options

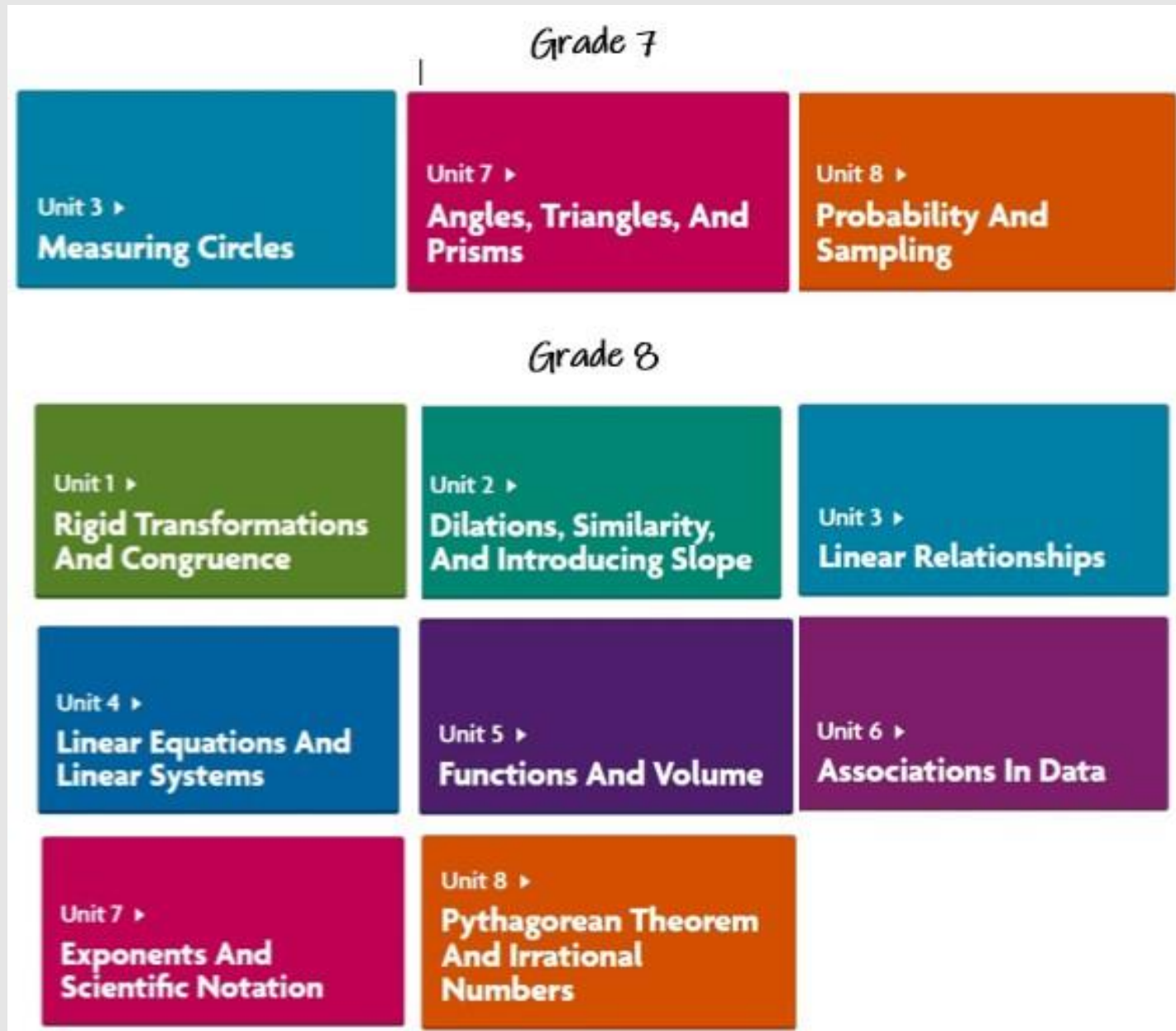
|  |   |  |   |
|--|---|--|---|
| <b>Ready for Math 6</b>  | <b>Ready for Math 7</b>   | <b>Ready for Acc7</b>  | <b>Ready for Math 8</b>   |
| For current 5th grade students who may need additional support to be ready for Math 6.                           | For current Math 6 students who may need additional support to be ready for Math 7. | For current 6th grade students who may need additional support to be ready for Accelerated Math 7.   | For current Math 7 students who may need additional support to be ready for Math 8. |
| <b>Ready for NC Math 1</b>   | <b>Ready for NC Math 2</b>  | <b>Ready for NC Math 3</b>   | <b>Ready for NC Math 4</b>  |
| For current Math 8 or Accelerated 7 students who may need additional support to be ready for Math 1.             | For current Math 1 students who may need additional support to be ready for Math 2. | For current Math 2 students who may need additional support to be ready for Math 3.  | For current Math 3 students who may need additional support to be ready for Math 4. |
| <b>Bridge to Accelerated 7</b>   |   | <b>Bridge to Math 1</b>  |   |
| For current Math 6 students who have the opportunity to take Accelerated 7 based on GCS math placement guidance. |   | For current Acc6/AIMM or Math 7 students who will be skipping Math 7 and Math 8 to enroll in NC Math 1 during 7th grade based on GCS placement guidance. |   |

**\*\*Please complete form that was sent by email to request a summer math course by 6/2/23.\*\***

# Bridge to Math 1

- Students in Accelerated Math 6 or AIMM who have scored at least 90% on a Math MAP assessment qualify to take a Bridge to Math 1 Pre-assessment at school between May 15-19.
- Students who want to enroll in Math 1 and either do not take or score 80% on the Pre-assessment, can take the Bridge to Math 1 summer course which covers the remaining middle school standards to help prepare for Math 1.
- The Bridge course is recommended for all students who are interested in moving to Math 1 in 7<sup>th</sup> grade, as it covers important standards that students will need as a foundation moving forward.
- The course is virtual and will be accessed through Canvas from June 20<sup>th</sup> – July 27<sup>th</sup>.
- A link to request enrollment for your student into this course was emailed on 5/2/23. The deadline to request is June 2<sup>nd</sup>. If you did not receive this email, please contact the Counseling office.
- A post-assessment is required at the end of the Bridge course which is also used as a data point for placement (80% = passing).

# Units Covered in Bridge to Math 1 Course





# GCS Secondary Mathematics Pathway Options

Below are typical course sequences for taking mathematics in high school. \*\*This chart does not include all possible scenarios.  
The bolded cell indicates the last HS course the student must complete to satisfy graduation requirements.

| Pathways  | 6th Grade          | 7th Grade   | 8th Grade                | 9th Grade          | 10th Grade                    | 11th Grade  | 12th Grade   |
|---|--------------------|---|--------------------------|--------------------|-------------------------------|---|--|
| <b>Section 1: Pathway Sequence Options Available to ALL</b> |                    |   |                          |                    |                               |   |  |
| <b>A</b>  | Math 6             | Math 7  | Math 8                   | NC Math 1          | NC Math 2                     | NC Math 3   | <b>NC Math 4</b>   |
| <b>B</b>  | Math 6             | Math 7  | Math 8                   | NC Math 1          | NC Math 2 (Honors)            | NC Math 3 (Honors)  | <b>PreCal or MAT 171/172*<br/>and/or AP Stats</b>                    |
| <b>C</b>  | Accelerated 6/AIMM | Accelerated 7   | NC Math 1 (Honors Level) | NC Math 2 (Honors) | NC Math 3 (Honors)            | <b>PreCal or MAT 171/172*</b>                                     | AP Calculus and/or AP Stats or IB Math                               |
| <b>D</b>  | Accelerated 6/AIMM | Accelerated 7   | NC Math 1 (Honors Level) | NC Math 2 (Honors) | NC Math 3 (Honors)            | <b>NC Math 4 (Honors)</b>   | MAT 143*,<br>MAT 152*,<br>PreCal or MAT 171/172*                     |
| <b>E</b>  | Accelerated 6/AIMM | Accelerated 7   | NC Math 1 (Honors Level) | NC Math 2 (Honors) | NC Math 3 (Honors)            | <b>PreCal or MAT 171/172*</b>                                     | MAT 271 (Calc I)*    MAT 272 (Calc II)*<br>or other options          |
| <b>F</b>  | Accelerated 6/AIMM | NC Math 1 (Honors Level)* requires a summer Bridge Course | NC Math 2 (Honors Level) | NC Math 3 (Honors) | <b>PreCal or MAT 171/172*</b> | AP Calculus or MAT 271 (Calc I)*<br>and/or AP Stats<br>or IB Math | MAT 272 (Calc II)* or other options<br>and/or AP Stats<br>or IB Math |

# More Info About Math Courses

- The GCS Math Department Webpage has lots of great information that you may find helpful in addition to what was just shared - <https://www.gcsnc.com/Page/47468>
- There is a Family FAQ document, information about the secondary math pathways throughout high school, etc.
- Please remember that we will not have all of the data needed to make actual placement decisions until the end of the school year, and in some cases not until over the summer.
- The NWMS deadline to enroll your student in any of the summer virtual math courses is June 2<sup>nd</sup>. Please complete the online form that was emailed by that date if interested.
- Contact your student's math teacher or Mrs. Thompson, 6<sup>th</sup> grade counselor, with specific questions about your student.



QUESTIONS?