

Pathways In Mathematics

Overview of Math Pathways at Glasgow



Strategic Plan Connections

Goal #3 - Academic Growth and Excellence

Every student will acquire critical and creative thinking skills, meet/exceed high academic standards, and achieve their highest academic potential.

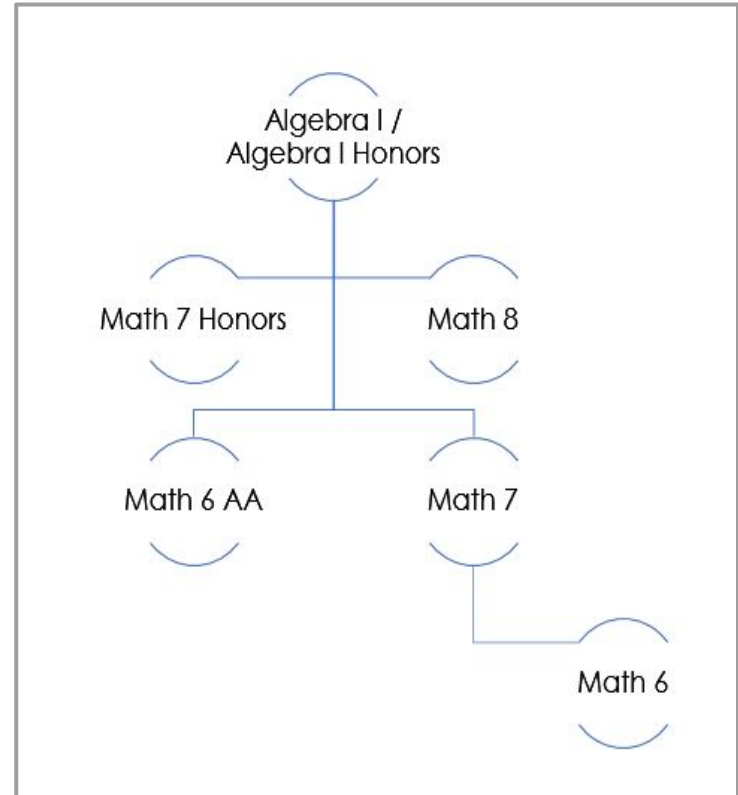
Measures:

Successful
completion of Algebra
1 by 8th grade

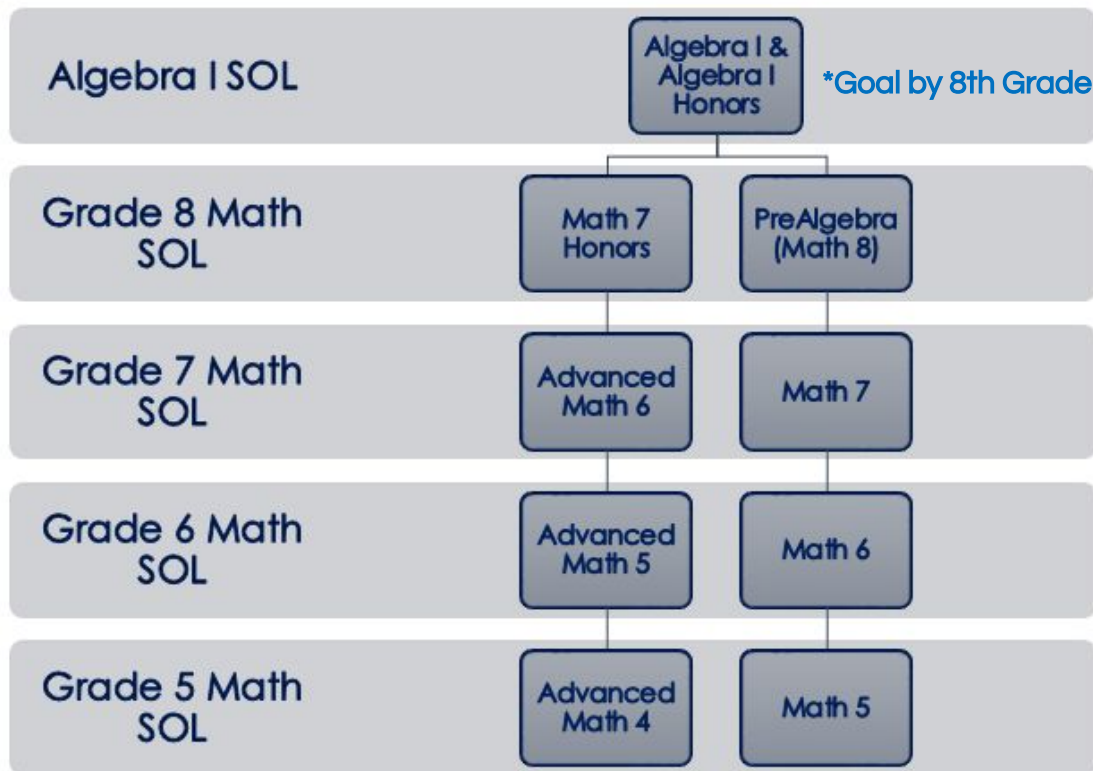
Taking algebra by 8th grade is considered important because it acts as a "gateway" to more advanced mathematics courses in high school,; essentially, it sets students up for greater academic success in the future by allowing them to take more advanced math classes in high school.

Middle School Math

- Several paths to taking Algebra that support student academic ability and readiness level
- Math 6 AA is Math 7 content



Correlating SOLs



Math 6 Courses

What math class you'll take next year

| This year you took: | Next year you'll take: |
|---------------------|---|
| Math 5 | Math 6 <u>or</u> Advanced Math 6* *Different curriculums |
| Advanced Math 5 | Advanced Math 6 |

Stay tuned to your school's newsletter, Glasgow counselors will be visiting in the Spring for course selection. Please talk with your student about their options!

Advanced Math 6 Next Steps

- Following Advanced Math 6, rising 7th grade students may have the opportunity to move to Algebra I Honors
 - FCPS Requirements:
 - Student scores a pass advance on the Math 7 SOL
 - Student scores in the 91st percentile or higher on the IAAT Assessment
 - Additional Glasgow Data Points:
 - Teacher recommendation
 - Students overall grade and academic progress in Math 6AA

Thinking about taking Advanced Math 6?

Students that are most successful in Advanced Math 6 are:

- Passionate about and especially interested in MATH
 - Able to stay motivated when facing a challenge or solving problems
 - Able to work independently
 - Willing to seek help after school, when needed
 - Willing to work outside of school to complete coursework
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- Additional academic support
 - After school help
 - FIT (focused intervention time)

Contact Information

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