

St Mark School Middle School Math Summer Work 2022

Incoming 6th, 7th and 8th grades:

Assignments will be given using the Edia math program that was used in class this year. Current St. Mark students have already joined the correct class and should be able to log in to [Edia](#) (Edia.app) with their school Google account and see new assignments. Any new student, or student that is unable to access the program, can join by clicking on the appropriate link below to join the correct class.

Summer Incoming 6th grade (5th Grade in 2021-2022): <https://edia.app/joinClass/c12aa9>

Summer Incoming 7th grade (6th grade in 2021-2022) : <https://edia.app/joinClass/dd5cf4>

Summer Incoming 8th grade (7th grade - Houck class in 2021-2022) <https://edia.app/joinClass/b90a0f>

Summer Incoming Algebra (7th Pre-Algebra (Gage class) in 2021-2022) : <https://edia.app/joinClass/0f2cac>

Summer Incoming Geometry (7th Algebra in 2021-2022) <https://edia.app/joinClass/7098c0>

New assignments will be scheduled every Monday. If a student is out of town, at a camp, etc. during a certain week, that assignment can be completed the following week. Assignments will include the topics below that were covered during Math during the 2021-2022 school year. Please email Kelly Gage at kgage@stmark-school.org if you have any questions.

Incoming 6th grade:

- Understanding Place Value/ Powers of 10
- Multiplying and Dividing Whole Numbers
- Operations with Decimals
- Working with Mathematical Expressions
- Patterns and the Coordinate Plane
- Multiplying and Dividing Fractions
- Categories of 2D Figures
- Volume
- Converting and Plotting Measurement

Incoming 7th grade:

- Whole Number, Decimal and Fraction Computation
- Rates and Ratios
- Variables Expressions and Equations
- Percents
- Area, Volume and Surface Area
- Describing Data using Statistics
- Integers, Rational Numbers and the Coordinate Plane
- Inequalities

Incoming 8th grade:

- Operations with Integers
- Operations with Rational Numbers
- Expressions
- Equations and Inequalities
- Ratios, Proportion, and Scale
- Percentages
- Geometric Measurement
- Probability
- Data Analysis in 2 Populations

Incoming Algebra:

- Operations with Integers
- Expressions, Equations and Inequalities
- Ratio, Proportion, Scale and Percentage
- Linear Equations
- Geometric Measurement
- Probability
- Irrationals, Radicals, Exponents
- Transformations, Similarity, and Congruence

Incoming Geometry:

- Expressions, Equations and Inequalities
- Linear Equations
- Systems of Equations
- Ratio, Proportion, Scale
- Adding and Subtracting Fractions
- Perimeter, area, volume
- Circles - Area and Circumference
- Angles
- Transformations, Similarity, and Congruence