



SACRED HEART
CATHEDRAL

Middle School Summer Math Expectations 2021

User name: first initial last name [@shcknox.org](mailto:shcknox.org)
(ex:dsmith@shcknox.org)

Password: eagle#1

This is the login for all SHCS students.

Rising 6th Grade Students
and Rising 6th Grade Honors Students:

Expectations:

- Complete at least 8 hours of practice using a combination of the skills from IXL Math at the 5th grade math level
- The student must earn at least 85% as a smart score before moving on to the next skill.
- The student must show practice from all skills listed below in order for summer math to be complete.

Skills to practice:

- E - Exponents
- G - Decimals
- I- Multiply Decimals
- J- Divide Decimals
- K- Fractions
- L-Add and Subtract Fractions
- M- Multiply Fractions
- N- Divide Fractions
- O- Mixed Operations with Fractions
- W- Data and Graphs
- EE - Geometric Measurements

Summer Accountability:

A homework completion grade will be given for the number of hours completed for a first quarter grade.



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Rising 7th Grade Students:

Expectations:

- Complete at least 8 hours of practice using a combination of the skills from IXL Math at the 6th grade math level
- The student must earn at least 85% as a smart score before moving on to the next skill.
- The student must show practice from all skills listed below in order for summer math to be complete.

Skills to practice:

- E - Number Theory
- F- Decimals
- G- Add and Subtract with Decimals
- H- Multiply and Divide with Decimals
- I- Fractions and Mixed Numbers
- J - Add and Subtract with Fractions
- K- Multiply Fractions
- L- Divide Fractions
- M - Integers
- N- Operations with Integers
- O - Mixed Operations

Summer Accountability:

A homework completion grade will be given for the number of hours completed for a first quarter grade.



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Rising 7th Grade Honors PreAlgebra Students:

Expectations:

- Complete at least 8 hours of practice using a combination of the skills from IXL Math at the 7th grade math level
- The student must earn at least 85% as a smart score before moving on to the next skill.
- The student must show practice from all skills listed below in order for summer math to be complete.

Skills to practice:

- B- Integers
- C- Operations with Integers
- D- Decimals
- E- Operations with Decimals
- F- Fractions and Mixed Numbers
- G- Operations with Fractions
- H- Rational Numbers
- J.1-J.10- Ratios and Proportions
- P.1-P.3- Coordinate Graph
- S- One Variable Equations
- T- One Variable Inequalities

Summer Accountability:

A homework completion grade will be given for the number of hours completed for a first quarter grade.



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Rising 8th Grade PreAlgebra Students:

Expectations:

- Complete at least 8 hours of practice using a combination of the skills from IXL Math at the 8th grade math level
- The student must earn at least 85% as a smart score before moving on to the next skill.
- The student must show practice from all skills listed below in order for summer math to be complete.

Skills to practice:

- A Number Theory
- B- Integers
- C- Operations with Integers
- D- Rational Numbers
- E- Operations with Rational Numbers
- H- Ratios and Proportions
- J - Percents
- N.1-N.3- Coordinate Graphs
- V - Expressions and properties
- W.1-W.11- One Variable Equations

Summer Accountability:

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Rising 8th Grade Honors Algebra I Students:

Expectations:

- Complete the following Chapters from the Big Ideas Textbook –(textbooks will be checked out for the summer)
 - Chapter 1/Chapter 2 (all lessons) within worksheet packet
 - These are skills that should have been mastered in PreAlgebra and will not be covered in Algebra I.
 - All answers will be reviewed and evaluated before assessments will be given.

Algebra I Summer Assessment:

- An assessment will be given the first week of school to determine mastery of the skills from the summer work.
- The student must earn at least a 90% on the summer assessment to remain in Algebra I for the 21-22 school year.

IXL Math at the PreAlgebra and Algebra I level may be used for further practice of these skills. The web site Khan Academy (www.khanacademy.org) may also be used.