



Holy Ghost Catholic School

507 N. Oak Street / Hammond, LA 70401-2527

Loving, Learning, and Living in Christ

Summer 2022 Math Requirements

All HGCS students **ENTERING** 1st-8th grades will be required to complete skill-based lessons through the IXL program to help maintain their math skills for the upcoming school year. **This summer assignment will be used as the first formative grade for the 2022-23 school year.**

Students will work on the computer-based program IXL. Students will go to the website ixl.com to access their skills. Using the same username and password from the previous school year, students will complete the skills listed for their grade level. (If your child has forgotten/misplaced his/her username and/or password, please call the school office during regular summer hours or email Mrs. Cindy Wagner – cwagner@hgschool.org for that information.)

Please note that to receive credit: (no partial credit given)

*Students should look for the **title** of the skill and work on that **exact** one. If in doubt, please email Mrs. Cindy Wagner.

*All lessons must be completed from **June 1, 2022-July 31, 2022**. If a lesson was completed during the school year, **it must be completed again to have results in this date range**.

*Students must complete each assigned lesson to **80%** or above.

*Students will work the IXL skills in the grade level they **are exiting** from the 2021-22 school year as indicated in the assigned skills chart.

*Students **entering 6th-8th grades** must bring in written work from the IXL lessons to receive full credit. In addition, Ms. Heck reminds her incoming and outgoing 6th graders that it is beneficial to solve the skills without the use of a calculator.

If you have any questions during the summer months, please email Mrs. Cindy Wagner at the aforementioned email.

IXL Summer Math Lessons

Exiting Kindergarten going into 1st grade complete the following skills from Kindergarten IXL site:	Exiting 1st grade going into 2nd grade complete the following skills from 1st grade IXL site:
Numbers and counting beyond 20: Counting on the hundred chart	Place values: Place value models up to 100
Numbers and counting beyond 20: Count blocks - up to 100	Place values: Write numbers as tens and ones
Addition up to 10: Add two numbers – sums up to 10	Counting and number patterns: Counting by twos, fives, and tens
Subtraction up to 10: Subtract - numbers up to 10	Subtraction: Subtraction facts - up to 10
Three-dimensional shapes: Flat and solid shapes	Addition: Addition facts – sums up to 10

Exiting 2nd grade going into 3rd grade complete the following skills from 2nd grade IXL site:	Exiting 3rd grade going into 4th grade complete the following skills from 3rd grade IXL site:
Addition – three digits: Addition with three-digit numbers	Mixed operations: Two-step mixed operation word problems
Subtraction – three digits: Subtract three-digit numbers	Understand fractions: Fractions of number lines: halves, fourths, eighths
Mixed operations: Addition and subtraction word problems - up to 100	Equivalent fractions: Find equivalent fractions using number lines
Addition – two digits: Add three numbers up to two digits each: word problems)	Compare fractions: Compare fractions
Time: Match analog and digital clocks	Geometric measurement: Relationship between area and perimeter: Find the perimeter

Exiting 4 th grade going into 5 th grade complete the following skills from 4 th grade IXL site:	Exiting 5 th grade going into 6 th grade complete the following skills from 5 th grade IXL site:
Multiplication: Multiply a 2-digit number by a 2-digit number	Division: Multi-step word problems: multiplicative comparison
Division: Divide larger numbers by 1-digit numbers	Division: Complete the division sentence: 2-digit divisors
Mixed operations: Addition, subtraction, multiplication, and division word problems	Decimals: Put a mix of decimals, fractions, and mixed numbers in order
Fraction equivalence and ordering: Fractions with denominators of 10 and 100	Mixed operations: Add, subtract, multiply, and divide decimals: word problems
Multiply fractions: Multiply fractions by whole numbers using number lines	Mixed operations: Add, subtract, multiply, and divide fractions and mixed numbers: word problems

Exiting 6 th grade going into 7 th grade complete the following skills from 6 th grade IXL site:	Exiting 7 th grade going into 8 th grade complete the following skills from 7 th grade IXL site:
One variable equations: Solve two-step equations	Operations with integers: Add, subtract, multiply, and divide integers
Units of measurement: Convert between customary and metric systems	Operations with fractions: Add and subtract fractions: word problems
Geometric measurement: Area of compound figures with triangles	Rational numbers: Multiply and divide rational numbers
Geometric measurement: Rectangles: relationship between perimeter and area	Ratios, rates, and proportions: Constant rate of change
Geometric measurement: Surface area of cubes and rectangular prisms	One variable equations: Solve equations involving like terms

<p>Exiting 6th grade going into 7th grade HONORS MATH complete the following skills from 6th grade IXL site:</p>	<p>Exiting 7th Advanced Math going into ALGEBRA 1 complete the following skills from 8th grade IXL site:</p>
<p>One variable equations: Solve two-step equations</p>	<p>One-variable equations: Solve two step equations</p>
<p>One variable equations: Solve equations involving like terms</p>	<p>One-variable equations: Solve equations using like terms</p>
<p>Geometric measurement: Area of compound figures with triangles</p>	<p>Pythagorean Theorem: Find the length of the hypotenuse</p>
<p>Geometric measurement: Rectangles relationship between perimeter and area</p>	<p>Pythagorean Theorem: Find the missing leg length</p>
<p>Geometric measurement: Surface area of cubes and rectangular prisms</p>	<p>Pythagorean Theorem: Word problems</p>