Summer Math Practice on IXL

For Incoming 5th Graders

Summer 2021

Research shows that in order for skills to be permanently mastered, they must be continuously practiced. "If you don't use it, you lose it!" To help prevent the summertime "skill slump", all incoming fifth-grade students are being asked to continue using their IXL Math accounts. This site allows students to have an incremental practice of math skills with feedback and instructional guidelines. It is expected that one or two skills are practiced for a half hour weekly for a total of 4 hours this summer.

Our current incoming fifth-grade students have already been given and have been using their IXL accounts. However, if you are a new student who needs new username and password information, please contact Mrs. McKenna at smckenna@iccatholicschool.org so she can set you up.

Each skill is labeled and listed below. Follow the directions to practice skills throughout the summer. Remember to log in to your account first in order for your progress to be saved.

Skills labeled with an asterisk are foundational skills that should be mastered by the end of 4th grade while those that do not have an asterisk will be extended through instruction in 5th grade. Encourage your child to choose assignments that match their readiness level. More difficult assignments have been included to allow students to be challenged if they have already shown mastery of 4th grade content on classroom assessments. Not all suggested skills need to be completed by the end of the summer.

Steps:

1) Log in to your IXL account.
2) On the right hand side of the page, click "Suggestions from your teacher". All of the skills listed below have been assigned to you.
3) Continue working on the skill until you have reached between an 80-100 for a score.
4) Print out the chart and fill in the date and smart score once you have completed a skill. Bring it to the first day of school.

Suggested Skills

Skill Name	Smart Score	Date Completed
Place Values and Number Sense		
Writing numbers up to a million in words*		
Rounding up to the Millions Place*		
Addition		
Add two numbers up to 5 digits*		
Add two numbers up to 5 digits - word problems		
Subtraction		
Subtract numbers up to 5 digits*		
Subtract numbers up to 5 digits - word problems		
Multiplication		
Multiply 1 digit numbers by 2 digit numbers*		
Multiply 1 digit numbers by 3 digit numbers or 4 digit numbers*		
Multiply 1 digit numbers by 3 digit or 4 digit numbers - word problems		
Multiply 2 digit by 2 digit numbers*		
Multiply 2 digit by 2 digit numbers - word problems		
Division		
Divide 2 digit by 1 digit numbers*		
Divide 2 digit numbers by 1 digit numbers - word problems		

Divide larger numbers by 1 digit*		
Divide numbers ending in zeroes by 1 digit numbers		
Mixed Operations		
Add, subtract, multiply and divide*		
Addition, subtraction, multiplication & division word problems		
Fraction Equivalence and Ordering		
Identify equivalent fractions*		
Fractions with denominator of 10 and 100		
Compare fractions with like numerators and denominators*		
Order Fractions		
Convert between improper fractions and mixed numbers		
Add & Subtract Fractions with Like Denominators		
Add fraction with like denominators*		
Subtract fractions like denominators*		
Add and subtract fractions like denominators - word problems		
Add and Subtract mixed numbers with like denominators		
Add and Subtract Fractions with Unlike Denominators		
Add fractions denominators of 10 and 100		
Add and subtract fractions with unlike denominators using models		

Add and subtract fractions with unlike denominators		
Multiply Fractions		
Multiply unit fractions by whole numbers models*		
Multiply unit fractions by whole numbers - word problems		
Multiply fraction by whole numbers		
Decimals		
Model decimals and fractions*		
Convert decimals between standard and expanded form		
Compare decimals using models*		
Equivalent decimals		
Compare decimals using models*		
Convert decimals to fractions and mixed numbers		
Add decimal numbers		
Subtract decimals		

Multiplication and Division Facts

Students should be completely fluent in ALL of their multiplication and division facts (1-12). Here is an online link you may use to keep up with your facts:

https://phet.colorado.edu/sims/html/arithmetic/latest/arithmetic_en.html