



*HTCS
Summer
Enrichment
2022*

Math

Students Entering 1st-6th Grade

Students who complete 30 minutes of Math per week for at least 7 weeks during the summer will earn a prize once we return to class in August.

1. Students must use their school IXL login.
Teachers will email the login to parents as well as print a login QR Code and give to students.
2. The 30 minutes must be from their recommendation wall of skills and progress must be visible.
3. Students must show on their account that they did 30 minutes per week over at least nine weeks.
You can not just complete 3.5 hours the day before school starts.

IXL Information

1. Log into IXL.com with your provided password
2. Type in ixl.com/diagnostic/student-stats
3. Your page should now look like the picture below.



4. The student from the above picture would begin IXL work on their lowest skill. In the case of the above picture, it is Geometry at 670. They would select a lesson by clicking and picking “4 recommended skills.” The order these skills are completed is up to user preference. As they complete all the lessons, their Geometry level would either fall or rise from 670. Upon completion, if geometry is still their lowest average, that student would then select new skills under the geometry section (the program will automatically add new skills for you).
5. If the skills are all the same or close to each other, it is up to the student to select which section to work on.
6. Sometimes a range will pop up on the page where instead of one singular number they will have something like “670-720” under a section. This is common, and it means students need to step into the diagnostic arena to narrow down their levels. This can be found at ixl.com/diagnostic. There will be a button at the top that says step into the arena as seen in the below picture.



7. Students will be best prepared for the school year and future success if they are on grade level for their coming year.

For incoming fifth graders, all levels on ixl.com/diagnostic to read 500 at minimum. For an incoming fourth grader the minimum level would be 400, third grader 300, and so on. This DOES NOT mean students shouldn't work on IXL if they are already on grade level as it is best to always being practicing math and getting ahead.

Math

Students Entering 7th & 8th Grade

Students who complete 30 minutes of Math per week for at least 7 weeks during the summer will earn a prize once we return to class in August. This must be done over 7 weeks not just the day before school starts in August

It is important for students to remain proficient in mathematics over the summer. In middle school, students need to be skilled in computation with decimals, fractions, and integers (7th and 8th). We will be focusing on ratios, geometry, and equations in middle school. For the summer, the students will be asked to work on skills suggested by their diagnostic for Math. There are six sections-fractions, geometry, measurement, data statistics, algebra, and number and operations. There will be about 5 skills under each section (some may have less and some may have more). Please work to achieve a minimum of 85 points on a skill before attempting a new skill. The first question on each skill will display a button to "Learn with an example." You may use this to help you know what to do before starting a new skill.

Log on to IXL.com during each week.

The Diagnostic Test was completed in class at the end of this school year.

Work on recommended skills for 30 minutes per week.

1. Click on the word "Diagnostic" at the top of the webpage.
2. Click on the button for "recommended skills" under each topic.
3. Recommended skills for that topic have highlighting around their boxes.
4. Choose which ever skill you would like to practice – ACHIEVE a minimum score of 85 points.
5. We will work on a different topic each week. You might not complete every recommended skill.
6. If you complete the recommended skills from a section before the end of the week, you may choose any other skill to work on.

Week 1

Numbers and Operations

Week 2

Algebra and Algebraic Thinking.

Week 3

Fractions

Week 4

Geometry

Week 5

Measurement

Week 6

Data, Statistics, and Probability

Week 7

Diagnostic Arena – See How Much You've Improved!

Reading

Students Entering 1st-5th Grade

Students are encouraged to read for 30 minutes per day all summer long!

Students Entering 6th-8th Grade

Required Reading Project assigned by
Mr. Zimmerman.

Project is due by August 22nd

