

June 9, 2022

Dear Parents/Guardians:

It is amazing that summer is already upon us. We are so excited to meet your children as they enter our middle school program. In order to smoothly transition to this level of mathematics, they must make an effort to retain the knowledge that they have worked so hard to achieve this year. Studies consistently demonstrate that students lose far too much information over summer vacation. As their future math teachers, we want to avoid this as much as possible.

Upon entering middle school, we are requiring that each student spend a total of ten hours on a website called IXL between the first day of break and Labor Day. IXL is a comprehensive learning program offering unlimited practice problems covering thousands of skills- all of which are aligned to our Archdiocesan and Maryland state standards. We are truly blessed that the students will have access to such an amazing resource over the summer. The program records the students' times as they work, so we will be able to keep track of each individual student's progress. On the backside of this letter is the IXL link to the Sacred Heart Portal. Also attached is a list of recommended IXL topics for review. Completing the ten hours of IXL will result in an automatic 10/10 grade during the first week of school. It is highly recommended that the students spread these ten hours out over the summer instead of doing them all in a short time frame. They are more than welcome to put more hours into the program if they desire and are encouraged to do so!

We will continue to pray for their resolve and their grasping of material over the summer! We are looking forward to many good times ahead!

God Bless,

Your Middle School Math Teachers

Each student must spend ten hours in mathematics on IXL between June 10 and August 28. Please make sure that your child clearly spends it within this time frame and checks their log regularly. The instructor can see the topics in which the student engages. If the student spends a significant percentage of his/her time in something that is not on grade level, the time will not count towards the total.

Students must sign in through Sacred Heart's IXL portal. Please use the following link to directly access the portal: <https://www.ixl.com/signin/shschool>. **If you do not use this portal, your child's time will not be recorded.**

All students have username/passwords for IXL. If you have any questions regarding login procedures, please email one of the math teachers.

Under the **5th Grade** tab on IXL, students should focus on the following topics:

- A.1-A.5
- B.1-B.5
- C.1-C.8
- D.1-D.8; D11-D15
- E.1
- F.4, F.6, F.7
- G.1-G.19
- H.3, H.8
- I.2-I.4; I.9
- J.1-J.3
- K.2; K.4-K.7, K.11
- L.5-L.6; L.11; L.19
- M.1, M.3, M.15, M.23, M.25
- N.5; N.9-N.10

If students have worked to proficiency level (80% Smartscore) or higher on these topics, they are free to work above grade level as well.