



## 2023 Summer Math and Grammar Assignment

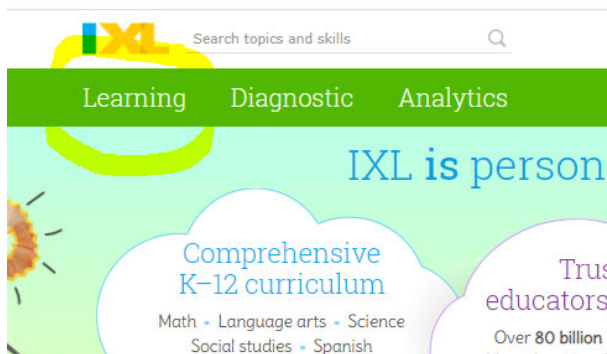
Dear Rising 8<sup>th</sup> Grade Families,

Summer is upon us again. Studies show that children need reinforcement of learned skills over the summer. The summer assignment is 20 math skills and 20 grammar skills from the “SUMMER BOOST SKILLS PLAN” located in your ixl.com account. You may work at your own pace, but the preferred method is to practice a little each day. There is no need to keep a paper record of your ixl.com practice. Your teacher has access to your progress.

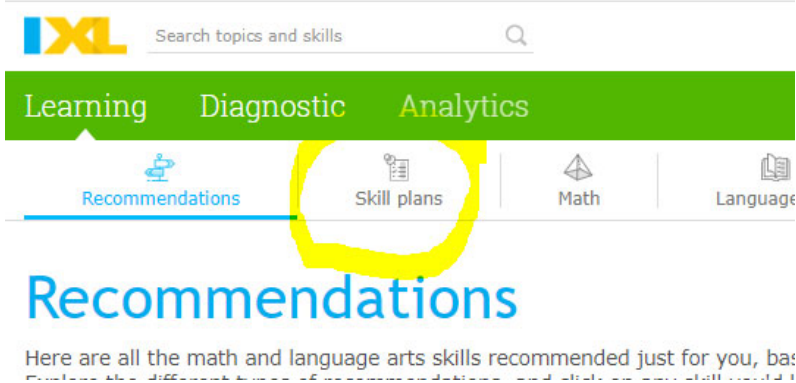
This assignment will be your first graded math assignment for the 2023-24 school year. If you are unable to complete this assignment due to summer plans, you **MUST** have a parent communicate with the school. An alternate assignment will be given.

### How to Access you Summer Assignment:

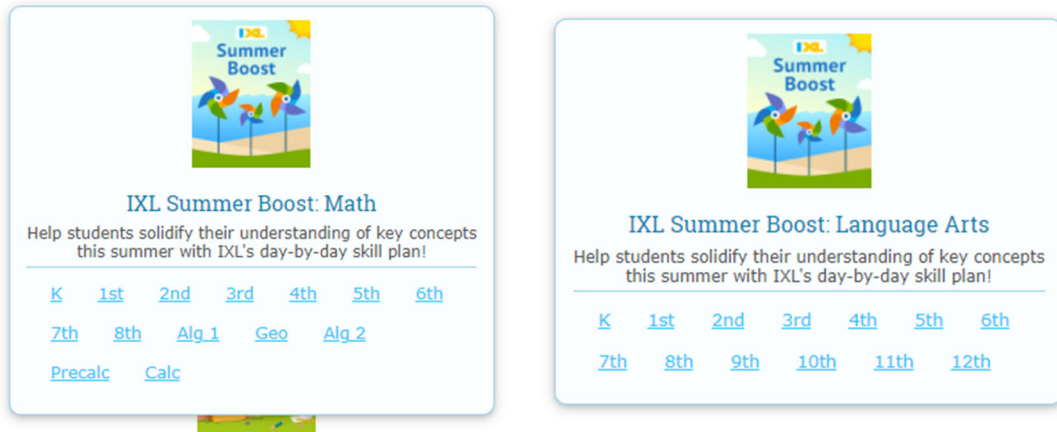
1. Go to <https://www.IXL.com>
2. Enter your username and password in the upper right corner and click the button to sign in.
3. From the home page, click on the “LEARNING” tab.



4. From the “Learning” tab, click on “SKILL PLANS.”



5. From the Skill Plans, Select “IXL SUMMER BOOST: MATH” or “IXL SUMMER BOOST: LANGUAGE ARTS.” **Select 8<sup>th</sup> Grade.**



6. During the summer, complete each of the skills with a Smartscore of 80 or higher. If you already have a Smartscore for one of the sections, complete 10 practice problems to receive credit for the section.

I hope you will use IXL regularly this summer and I look forward to seeing you in the fall!

Sincerely,

Blessed Sacrament Language Arts and Math Teachers

# **2023 SUMMER MATH AND LANGUAGE ARTS ASSIGNMENT RISING 8<sup>TH</sup> GRADERS**

Dear Blessed Sacrament Rising 8<sup>th</sup> Grader,

Summer has arrived! While it is important to continue to practice learned skills over the summer, we recognize that you might need a break from screens and ixl. Therefore, we are altering the summer math and language arts assignments for this summer to allow for a screen free experience!

You will be required to read a minimum of two books and complete the two literature assignments.

Your math and grammar assignments will include practice for the High School Placement Test (HSPT.) We hope that this assignment will both keep your skills sharp and help you prepare for the HSPT next fall. Of course, ixl.com will always be available to you should you wish to do additional practice, but any ixl practice will be optional this summer.

Copies of all the required assignments and optional extra practice are included in this packet.

Completion of this assignment will be the first graded assignment of next school year. Practice math and LA regularly this summer and we look forward to seeing you in the fall!

Sincerely,

Blessed Sacrament Middle School Math and LA Teachers

Chris Kelly, Mark Schiller, Aileen Shaffer

Tricia Burke, Jen Conley

## Table of Contents

Required Reading Assignment pages 3-4

Required HSPT Practice page 5

Optional Math Enrichment page 6

Optional LA Enrichment page 7

## SUMMER WORK - RISING 8TH GRADE - LANGUAGE ARTS

I am asking you all to read three books this summer. Two are graphic novels that will not take long to read but will require much thought and reflection. The third book is one of your choice from the provided list. All are available on Amazon new and used.

**Everyone will read *March One* and *March Two* by John Lewis. In our reading next year, Civil Rights play a big part and I would like you to have some background information. It should also help in Social Studies.**

After completing both graphic novels, you are to create a resume for John Lewis. The resume should cover his life during the times of the two books - nothing afterward.

You may use any Resume template on Google Docs (look up sample resumes online).

The resume **MUST INCLUDE**: Education, Work Experience, Family Background (where he is from, family make up), Interests and Hobbies.

This exercise will help when we have to create our own Resumes for high school applications.

### **THIRD BOOK CHOICES:**

- *The Book Thief* by Markus Zusak
- *Code Talker* by Joseph Bruchac
- *Peak* by Roland Smith
- *The Golden Compass* by Phillip Pullman
- *Crash* by Jerry Spinelli
- *And Then There Were None* by Agatha Christie
- *Parvana's Journey* (sequel to Breadwinner)
- *Fever* by Laurie Halse Anderson
- *A Year Down Yonder* by Richard Peck
- *Little Women* by Louisa May Alcott
- *The Hobbit* or any of *The Ring Trilogy* by J.R.R. Tolkien
- *The Crossover* by Kwame Alexander
- *Alive* by Piers Paul Read
- *The Last Prince* by E.G. Radcliff

**For your project on the book of your choice you will create a Google slide presentation for the class.**

The presentation will include:

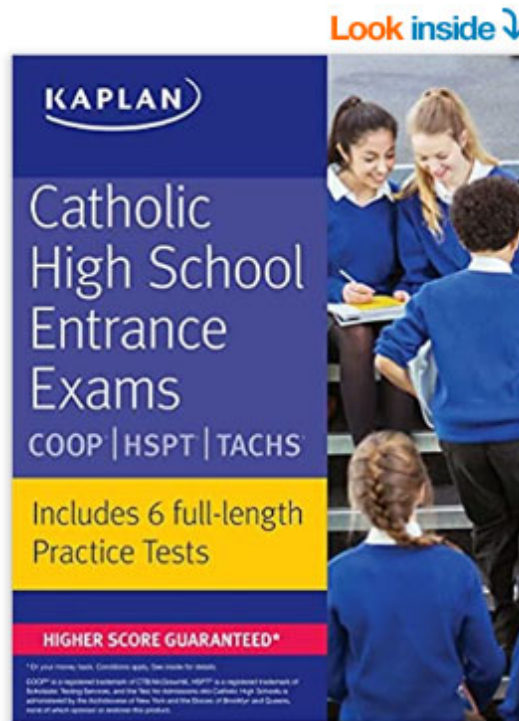
1. Novel name and author (one slide)
2. Quick summary that does not spoil the book for others but sells them on reading it (1-2 slides)
3. An annotated passage for literary devices (metaphor, simile, personification, sensory imagery) explain how the author uses them to create a style of writing. (one slide)
4. A character from the story - give 3 adjectives to describe him/her and support with text evidence (three slides - one for each adjective)
5. A conflict in the story - 3 pieces of text evidence to support this conflict (three slides - one for each piece of evidence)

ALL SLIDES MAY HAVE ILLUSTRATIONS FOR INTEREST

**Blessed Sacrament Math  
Summer 2023  
HSPT Practice Skills – Summer Math and Grammar Practice (required)**

**Assignment:**

- Purchase the practice book shown below. (If you have already purchased a book from a different publisher, you may use that book.) If you would like to purchase from Amazon, the link is [Practice HSPT book](#)
- Complete two full-length practice tests. You do not need to complete the entire test in one sitting, but you should set a timer for each section as indicated. Timing is an important part of the HSPT.
- Check your own work and make corrections. **SHOW YOUR WORK** in the math section.
- Turn in your practice tests on the first day of class next school year.
- This assignment will be your first graded math and LA assignment for the 2023-2024 school year.



**ISBN-13: 978-1506203393**

**ISBN-10: 1506203396**

**Blessed Sacrament Math**  
**Summer 2023**  
**HSPT Practice Skills on ixl.com /Enrichment (optional)**

- Add, subtract, multiply, and divide decimals: word problems
- Understanding fractions: word problems
- Add and subtract fractions: word problems
- Add and subtract mixed numbers: word problems
- Multiply fractions and mixed numbers: word problems
- Divide fractions and mixed numbers: word problems
- Add, subtract, multiply, and divide fractions and mixed numbers: word problems
- Equivalent ratios: word problems
- Unit rates
- Scale drawings: word problems
- Do the ratios form a proportion: word problems
- Solve proportions: word problems
- Percents of numbers: word problems
- Solve percent equations: word problems
- Add, subtract, multiply, and divide money amounts: word problems
- Convert between customary and metric systems
- Write variable expressions: word problems
- Evaluate linear expressions
- Identify terms and coefficients
- Multiply using the distributive property
- Add and subtract like terms
- Add, subtract, and multiply linear expressions
- Solve one-step equations
- Solve two-step equations
- Solve two-step inequalities
- Pythagorean Theorem
- Convert between fractions, decimals, percents
- Area of triangles and quadrilaterals
- Volume of prisms and pyramids



**Blessed Sacrament Language Arts**  
**Summer 2023**  
**HSPT Practice Skills on ixl.com /Enrichment (optional)**

*Continue to work on your personal study plan found in ixl. You may also search the following topics.*

**READING**

- Distinguish fact from opinion
- Identify evidence
- Identify details in non-fiction
- Identify details in literature
- Determine main idea
- Identify author's purpose
- Match cause with effect
- Match problems with solutions
- Identify text structures
- Read and understand informational passages

**VOCABULARY**

- Prefixes and suffixes
- Greek and Latin roots
- Context clues
- Vocabulary review: short stories
- Vocabulary review: informational passages
- Vocabulary review: trace an argument

**LANGUAGE SKILLS**

- Common errors