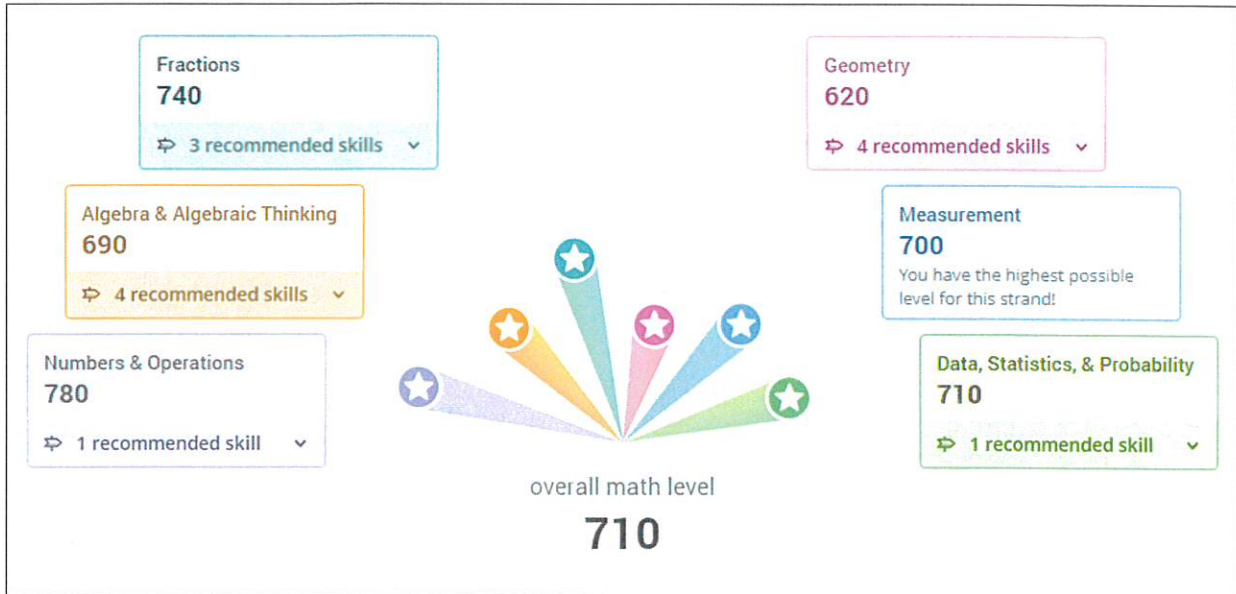


Summer Math Assignment for Rising 8th Graders

Students will update (“step into”) their IXL Math Diagnostic Arena once per week. They will print (if possible) the Diagnostic Action Plan to practice the recommendations for each of the Math Domains (Numbers & Operations, Algebraic Thinking, Fractions, Geometry, Measurement, Data/Statistics/Probability). These should be completed to a Smart Score of 80. The goal is for students to achieve at least a score of 800 in each domain.

It is recommended that students practice Math skills and fluency for at least 15 minutes, 4 times per week (approximately 8-10 hours by the start of the school year).



IXL Diagnostic Action Plan
Your most recent levels and recommendations as of May 17

Student:

The IXL Real-Time Diagnostic shows you what you know and what you're ready to learn next. Work on your personalized skill recommendations until you reach excellence (80%). Visit the Real-Time Diagnostic often to see how your stats change and to get new recommendations!

Have questions about the Real-Time Diagnostic? Visit www.ixl.com/diagnostichelp

Overall math level
710

Numbers & Operations
780
1 recommended skill
Multiply and divide integers (Seventh grade) ...

Algebra & Algebraic Thinking
690
4 recommended skills
Graph inequalities on number lines (Sixth grade) ...
Solve one-step multiplication and division equations with decimals, fractions, and whole numbers (Seventh grade) ...
Write variable expressions, word problems (Sixth grade) ...
Write a two-variable equation from a table (Sixth grade) ...

Fractions
740
3 recommended skills
Divide fractions and mixed numbers (Sixth grade) ...
Add and subtract positive and negative unlike fractions (Seventh grade) ...
Multiply fractions (Seventh grade) ...

Geometry
620
4 recommended skills
Volume of cubes and rectangular prisms, word problems (Fifth grade) ...
Understanding area of a triangle (Sixth grade) ...
Reflect a point over an axis (Sixth grade) ...
Area of compound figures made of rectangles (Seventh grade) ...

Measurement
700
You've reached the highest level (100%) for Measurement's knowledge!

Data, Statistics, & Probability
710
1 recommended skill
Identify statistical questions (Sixth grade) ...

6th, 7th, & 8th Summer Reading Outline

Dear Students and Parents,

I hope you all have a relaxing, enjoyable summer. I am looking forward to spending time with my family and getting prepared for next year. In order for all of my students to be prepared for next year's Literature Class, I would like each student to read **two books** and write a book report for each book during the summer break. The reports will be due the first week of school in August and will count toward your Literature grade for the first trimester of school. You may choose any type of book (fiction, nonfiction, etc.) as long as it is on your reading level. I have mapped out the directions for the book reports below. The reports may be typed or handwritten in cursive. They need only to be one page in length. You will receive one test grade that will take into account the general neatness, English usage, and your general knowledge of the stories.

Heading:

Normal school heading
Title: title of the book
(20 points)

Paragraph 1:

Title of book (underlined)
Author's name
Setting (where and when the story took place)
Characters
Brief introductory sentence
(20 points)

Paragraph 2:

Brief summary of book (included in the plot is: conflict, main details in story, climax, and resolution) (20 points)

Paragraph 3:

Did you like the book? Why or why not?
Why do you think the author wrote this book?
Concluding sentence!
(20 points)

Correct punctuation, capitalization, and spelling of all words will be graded (20 points).

Thank you and may God bless you all with a safe and happy summer!

Mrs. Kelly

Dear Parents and Students,

This summer, I am encouraging all incoming 6th, 7th, and 8th grade students to practice and review their writing and editing skills. Students should complete the 4 IXL skills listed below for his/her corresponding grade level. There is no need to record or submit the scores; the system will do this automatically. The goal is for a score of 80% or higher on each skill listed.

Grade 6 Writing Strategies (Editing and Revising)

- Q.1 Use the correct frequently confused word
- Q.2 Correct errors with frequently confused words
- Q.3 Correct errors with signs
- Q.4 Correct errors in everyday use

Grade 7 Writing Strategies (Editing and Revising)

- R.3 Use the correct frequently confused word
- R.4 Correct errors with frequently confused words
- R.5 Correct errors with signs
- R.6 Correct errors in everyday use

Grade 8 Writing Strategies (Editing and Revising)

- S.3 Use the correct frequently confused word
- S.4 Correct errors with frequently confused words
- S.5 Correct errors with signs
- S.6 Correct errors in everyday use

Reviewing these skills will benefit the students and help keep them focused. If they would like to do additional skills, that is even better!

Have a restful and safe summer!

Mrs. Slobodnik