

# Directions for students to log into and use IXL

**GO TO THIS WEBSITE**

Put in your school login with the numbers...example sofun1234

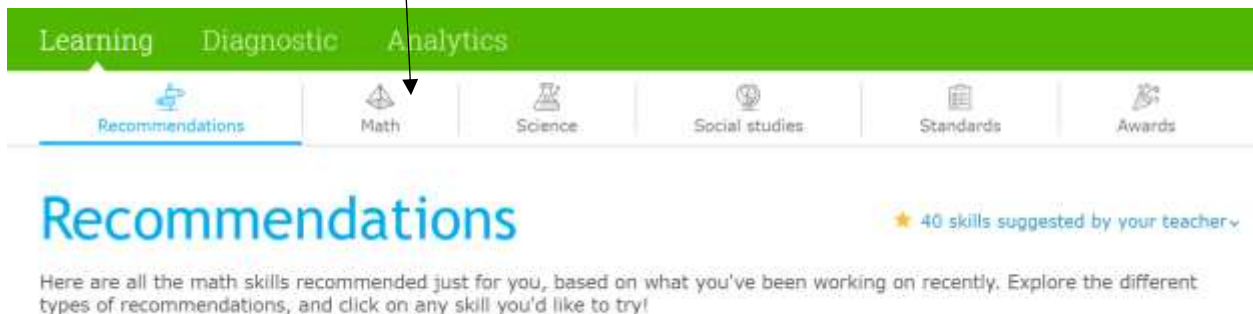


All students will use the password – **ixlstudents**

**@rochestercs** is already there for all students

Once you do all the above steps, you should be logged in and you will see the screen below

click the MATH icon and then scroll down and click on your current grade level (example: 6<sup>th</sup> grade will click on 6<sup>th</sup> grade ☺ etc.) **IF YOUR SCREEN DOESN'T SHOW A GRADE LEVEL, THEN "H" IS 6<sup>TH</sup>, "I" IS 7<sup>TH</sup> AND J IS 8<sup>TH</sup> GRADE.....SOME SCREENS SHOW GRADE LEVEL AND SOME SHOW ALPHA LETTER....**



This is an EXAMPLE of what the beginning of the 8<sup>th</sup> grade math page looks like. 6<sup>th</sup> and 7<sup>th</sup> grade yours will look the same....just with 6<sup>th</sup> or 7<sup>th</sup> grade math listed ☺ **\*\*REMEMBER IF THE GRADE LEVEL DOESN'T SHOW UP...THEN 6<sup>TH</sup> IS "H", 7<sup>TH</sup> IS "I" AND 8<sup>TH</sup> GRADE WILL BE "J"**

## Eighth grade math

IXL offers hundreds of eighth grade math skills to explore and learn! Not sure where to start? Go to your personalized Recommendations wall and choose a skill that looks interesting—they're all picked just for you!

### A. Number theory

- 1 Factors
- 2 Divisibility rules
- 3 Prime or composite
- 4 Prime factorization
- 5 Greatest common factor

### M. Problem solving

- 1 Multi-step word problems
- 2 Guess-and-check word problems
- 3 Use Venn diagrams to solve problems
- 4 Elapsed time word problems

### X. One-variable inequalities

- 1 Solutions to inequalities
- 2 Graph inequalities on number lines
- 3 Write inequalities from number lines
- 4 Solve one-step inequalities
- 5 Graph solutions to one-step

Now look around on this math page. You will notice some topics are highlighted and have the star next to them highlighted. These are the topics your teacher has "assigned" to you to work on. The topic he/she feels you can handle practicing.

You can work on these concepts too if you want, they just weren't "assigned" to be worked on, so they aren't highlighted....

Concepts teacher wants you to work on  
 \*\*\*this is just an EXAMPLE from 8<sup>th</sup> grade....your teacher will highlight what he/she wants to assign you.....

congruent figures  
 16 Congruent triangles: SSS, SAS, and ASA

### Q. Transformations and similarity

- 1 Similar and congruent figures
- 2 Dilations: graph the image
- 3 Dilations: find the coordinates
- 4 Dilations: scale factor and classification
- 5 Side lengths and angle measures of similar figures

### AA. Systems of linear equations

- ★ 1 Is  $(x, y)$  a solution to the system of equations?
- ★ 2 Solve a system of equations by graphing
- 3 Solve a system of equations by graphing: word problems
- ★ 4 Find the number of solutions to a system of equations by graphing
- ★ 5 Find the number of solutions to a system of equations
- 6 Classify a system of equations by graphing
- 7 Classify a system of equations
- ★ 8 Solve a system of equations using

Once you reach a smart score of 80 on a skill **STOP!!**  
 That's considered good enough!!