

## SUMMER MATH 2020

### (Students entering Grades 6, 7 and 8)

Dear Middle School,

This summer we will begin our new adventure into the Diagnostic Arena of Math IXL. Each of you will have your own personal IXL assignment consisting of **6 skills** that you will practice and complete up to 80% over the summer. They must be completed (to 80%) by Friday August 14.

Follow these steps to find your 6 skills and work on your required summer math:

- 1) Log in to IXL: Since you don't have your iPads, you will need to log in on a computer. Go to IXL.com. Your log-in username is the same one you have had all year. It is the letter **s** followed by your first initial and first 4 letters of your last name @sac ( Ex: sahuse@sac). Your password is a capital **S** with a dash and first initial and first 4 letters of your last name, followed by your lunch code. (Ex: S-ahuse1234). If you will check your e-mail, you will see that Mrs. Stapleton (5th graders) or I have sent you a copy of your username and password.
- 2) Click on "Diagnostic". Many of you have completed the diagnostic and will see that you are up to date and can begin your recommended skills. You will know you are done if each of the six areas and the overall math level each have a star on its line. If you are done, you can skip the next step. You will know you need to continue if it says, "Keep diagnosing to narrow down your levels".
- 3) Take or finish taking your diagnostic by clicking on "Step into the arena." Make sure you are in the math arena only. There is a circle on the right with a drop down. Go to that and click on the pyramid that says math. You will be given questions to choose and to answer. Keep answering questions and narrowing down your levels. You will know you are all the way done when each area listed and the overall math level have a star on its line.
- 4) At any time, you can click on the left side where it says, "See your levels", to see how far you are in each area and see which ones you have left to finish.
- 5) When you are done diagnosing, you will see a star in each of these 6 areas:
  - Numbers and Operations
  - Algebra and Algebraic Thinking
  - Fractions
  - Geometry
  - Measurement
  - Data, Statistics and Probability
- 6) Each of the six areas should have at least one recommended skill. Here is the awesome part. Each skill is recommended just for you. No students will have the same exact recommendations. Click on a skill and it will take you to your recommendations wall. Choose any skill from there and click on it. Do not just answer the one question in the box. Click on the bottom under the question and have it take you to that skill. It will also tell you the area.
- 7) Be sure you choose **ANY ONE SKILL FROM EACH AREA** to complete up to 80%. This means you will do a **total of 6 skills this summer, but they must be from the 6 different areas.**