

**The Christian School at Castle Hills**  
**Math Summer Work 2020**  
**Incoming 7th Graders**

7th Grade Students and Parents,

I am so thrilled to be serving as your 7th grade math teacher. 7th Grade Math is a unit-based mathematics course that explores various branches of mathematics including number theory, pre-algebra, statistics, probability, geometry and measurement. The 7th grade course lays the foundation for higher level thinking and problem solving that will follow in your high school years.

**During the summer I am asking all students to complete the “diagnostic” section in their IXL Mathematics account.** Students will want to complete this homework INDEPENDENTLY. The “Diagnostic” will expose you to a variety of different concepts and skills. Some of these concepts you may have seen, and some you may not know how to do- that is OK. Do the best that you can, but know that there is an option to select “I don’t know this yet” if a question seems too challenging.

The purpose of this assignment is to keep your mind working on math problems to avoid that *Summer Slide* and to give me an idea of what you already know and what areas we need to spend more time on at the start of the year. Once again, it is critical that the diagnostic be worked independently so that I can get an accurate measure and plan accordingly.

I recommend working in IXL for 10-15 minutes a week. The diagnostic itself should not take more than a combined total of 1-2 hours, so you should not have any trouble completing the assignment over the course of the summer. If you do not have access to the internet or technology at home, I would recommend a 30-45 minute trip to the library once or twice a month. IXL is also compatible with most smartphones and tablets.

Completion of the Diagnostic will be your **first Quiz Grade** of the school year. It will be a completion grade. Once you complete your diagnostic, you will be able to view scores as well as recommended areas to work on. Those of you who wish to work on more math over the summer are welcome to work in these recommended areas, but they are not required.

**IXL LOGIN:** If you have not yet logged into your IXL account, you can do so by going to [www.ixl.com/signin/castlehills](http://www.ixl.com/signin/castlehills). Your username is your first initial and your last name. Your password is newpass123.

During our distance learning time, we were given access to the English sections in the Diagnostic. To turn the English sections off and to begin working, go to the Diagnostic tab, click “Step into the Arena.” Before starting, look for the small overlapping circles in the top right corner of the blue arena bar. When you click on the circles, it will give you the option to complete only math. If you have any difficulty getting in, please email or text me. I will do my best to respond as quickly as possible.

Once again, I look forward to partnering with your family next school year. It is going to be a wonderful year!

In His Service,

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