



## Summer Assignment 2017

### 5<sup>th</sup> Grade Advanced Math

All Dickinson Pre-AP/Advanced students are expected to maintain and advance their mathematical skills over the summer. Studies have shown that there is an effect known as the “Summer Slide” where students lose some of their achievement gains from the previous year during the summer. We want to avoid this phenomenon by helping your student keep their math skills sharp and continuing to develop the skills necessary for success in 5<sup>th</sup> Advanced Math. The skills the Summer Assignment will develop and practice in preparation for 5<sup>th</sup> grade Advanced Math include **Numerical Representations and relationships, Computations and Algebraic Relationships, Geometry and Measurement, Data Analysis and Personal Financial Literacy.**

To that end, your child has been enrolled in *Think Through Math’s Summer Pathway*, a ground-breaking Web-based math program. This program personalizes student learning with differentiation, explicit instruction, meaningful practice, motivational tools and unlimited access to *LIVE*, state-credentialed teachers (including Spanish-speaking teachers). Your child can access the program from any computer, tablet or phone that is connected to the Internet.

The program is proven to increase math proficiency when implemented 2 to 3 times each week or about 90 minutes each week. If your child has never used the program before, the first task will be a pre-test that gauges where your child is academically and designs a unique set of lessons specifically for your child. If your child has already accessed the program at school or home, he or she will immediately begin work on their individualized summer pathway to the next grade level.

A few recommendations for success:

- **Encourage participation.** The more your child engages with the program, the more they will experience success and the more they will learn.
- **Encourage thoughtfulness.** The program provides constant support and immediate feedback, especially in those places where students tend to struggle.
- **Take time to review the dashboard with your child.** Discuss lessons completed, lessons passed, and points earned. Remind your child that hard work pays off.
- **Encourage your child to show their work neatly on paper.** Students should have paper in front of them as they work on the program, so they have a place to calculate and justify their thinking.

### Assignment:

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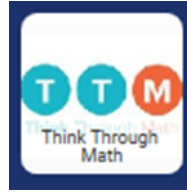
Students are expected to successfully complete **30 lessons** on the summer Pathway of *Think Through Math* online learning program. The assignment is **due** no later than **Monday, August 28, 2017**. Teachers will be able to view the progress that students have made, how often they accessed the program and for how long and how many lessons they have completed when we return to school in August.

If your child surpasses 30 math lessons based on their skill development needs, they may continue working throughout the summer. There is no need to stop after 30 lessons if students finish quickly or if students wish to learn new skills.

Accessing *Think Through Math* (Login):

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- [www.dickinsonisd.org](http://www.dickinsonisd.org)
- click on Symbaloo
- click on TTM



**\*\*Student Username: DISDlunch# (Ex: DISD12345)**

**\*\*Student Password: Disdbirthdate (Ex: Disd09062002)**

Alternate Assignment:

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If web-access is not possible for your student and you need an alternate paper-based assignment, please contact Amanda Rodriguez, DISD Math Curriculum Specialist at 281-229-6956 or through email at [arodriguez@dickinsonisd.org](mailto:arodriguez@dickinsonisd.org).