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To: Hingham Students and Their Families

From: The Mathematics Department

Over the summer, it is common for students to forget some of the mathematics they have learned. Like many neighboring school districts, we have traditionally had the practice of students completing summer math work to minimize learning loss and to ensure that students are prepared to start math on the first day of the next school year. We are providing OPTIONAL summer work for incoming sixth graders through rising seniors who will be taking either Algebra 2, Pre-Calculus, or Topics and Statistics. There are 8 weeks of work with a targeted time of about 30-40 minutes per week. Although this work is optional, we strongly suggest that students complete it and spread it over the duration of the summer to improve long-term retention and readiness.

To complete the work, students will use DeltaMath rather than the paper packets that we have used in the past. There are multiple advantages to using DeltaMath. The program provides support for students in real-time. There are example problems that match the same problem a student is working on. There are links to instructional videos if a student is stuck. Students receive instant feedback after they submit an answer. Additionally, if students are looking for further practice on a specific problem type, they can work through unlimited problems. The program itself is easily accessible and students find that they are fairly comfortable navigating DeltaMath after their first use.

Best practices for the summer work:

1. Find a place where you can work without distraction (put your cell phone away).
2. Work in a quiet, focused, and committed manner for 30-40 minutes.
3. Have paper and a pencil to write out your work. The answers are submitted digitally but much of the math should not be completed in your head.
4. The work that you are completing is **intended** to be review material that should be accessible to you. If you are struggling with the material and have put forth an honest focused effort each week, then discuss this with a parent or guardian. They can keep track of the weeks you may have struggled or stopped because the time you put in was well beyond 40 minutes. They can provide your classroom teacher with this information in the fall.
5. Plan ahead, the most impactful learning for you will come if the summer work is completed week to week.
6. Work hard and do your best. That is all that you can ask of yourself.

Instructions for logging in and helpful videos for navigating DeltaMath can be found on the Math Department website under Summer Assignments:

<https://hinghamschools.org/academic-programs/mathematics/summer-assignments/>