

June 2018

Hello, Rising 6thGrade Families,

I hope you have had a wonderful start to the summer with plenty of time to rest, play, and spend time together as a family. Although there is no required summer math work, I recommend that all students do some math to keep their skills sharp and combat the “summer slide.” Here are some resources to help your child stay engaged with mathematics over the summer.

For Review and Reinforcement:

-[Khan Academy](#) is a free web-site that provides short video tutorials and interactive practice with math skills and concepts. If your child does not already have an account, you can set one up for yourself and then your child [here](#). Select 5thgrade for the current grade-level. When prompted to select a subject, check the box for Math: 5th grade.

-[Bunny Times](#) is an interactive app to help students develop fluency with multiplication facts. It includes game elements that lead students to develop new strategies for thinking about multiplication including deconstructing problems like 7×8 into $(5 \times 8) + (2 \times 8)$.

For Fun and Enrichment:

-[Explore Vi Hart Videos](#)-

Vi Hart is a self-described “mathemusician” who has made a series of quirky and thought-provoking mathematical videos on topics that often inspire further investigation. Here is a link to one of my favorites: [Mobius Story: Wind and Mr. Ug](#).

-Read [The Number Devil by Hans Magnus Enzenberger](#):

Then Number Devil is a novel that makes mathematics a thrilling exploration. It explores topics including infinity, prime numbers, the Fibonacci sequence and more in a whimsical and fun way.

-Apps & Games:

Check out this site with recommendations for a variety of rich and engaging math apps and board games. <https://www.youcubed.org/resource/apps-games/>

-Stretch & Challenge:

For a good challenge, I recommend [Problems of the Week](#) on the MathCounts website or previous [AMC8 contest competitions](#).

-[A+ Click](#): Math and Logic Problems

A+ Click helps students become problem solvers. The free website features a graduated set of 7000+ challenging problems for students in grades one through twelve, starting from the very simple to the extremely difficult. The questions concentrate on understanding, spatial reasoning, usefulness, and problem solving rather than math rules and theorems. The problems include a short description and an illustration to help problem solvers visualize the model.

Please let me know if you have any questions or concerns. Enjoy your summers and I look forward to seeing everyone at the end of August!

Best,

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