

## 2018 Summer Math Challenge for Incoming 6<sup>th</sup> Graders

Dear parents of incoming 6<sup>th</sup> graders,

Research shows that on average, students lose 2.6 months of math learning in the summer. To minimize this loss, we encourage students to engage in math and/or problems solving skills for at least 30 minutes each week. To make it fun and differentiated for all, we are giving students different options for keeping their math minds active. Choose one or a combination of the options below. Record any activities on the attached blank calendar or separate paper.

1. Choose activities from the attached math **calendar**. Many of the activities are designed to include a quick conversation with a friend or adult.
2. Play online math games from our math links <http://67.225.130.61/students/math-practice-sites/> and/or **Sumdog** 3 times a week for at least 10 minutes each time. Go to <https://www.sumdog.com/sch/pcs> . **School code = pcs** . If your child is not yet fluent with their multiplication facts, please find games and activities to build those skills!
3. Complete any remaining workbook pages from the *Bridges Student Book*, *Number Corner* or *Home Connections*.
4. Play any logic or math involved board games or card games. See the attached list for examples.
5. Are you interested in becoming a powerful math learner? How to Learn Math is an online free self-paced class for learners of all levels of mathematics. It combines really important information on the brain and learning with new evidence on the best ways to approach and learn math effectively. <https://lagunita.stanford.edu/courses/Education/EDUC115-S/Spring2014/about>
6. The state of Connecticut has a **FREE summer math challenge**. Go to [www.quantiles.com/summer-math](http://www.quantiles.com/summer-math) to enroll your child. Check your inbox for daily emails with fun math activities and resources and earn badges. When the program ends, print an award certificate to celebrate your child's summer accomplishment!
7. Highlight the math in your everyday activities. Find small ways to practice and talk about math as you are cooking, shopping, tackling building projects, planning trips, figuring out how much paint to buy...

When you do an activity, initial the corresponding box on the blank calendar and have your child write any responses in the box (or separate paper). There is no need for math to be a chore in the summer. Enjoy the math in the world around us! **HAVE FUN!**

When your child returns to school, have them bring the calendar, certificates and any other work to Mrs. Abram or Ms. Pierce-Fortin.

Contact Elizabeth Pierce-Fortin at [fortin@pomfret.ctschool.net](mailto:fortin@pomfret.ctschool.net) with any questions or if you need any resources.