St. Paul's Episcopal School
7th Grade Summer Math Work
2025 - 2026 School Year

- **You will use your IXL account from the previous school year to complete these assignments.** You are already grouped into a class called "6th Grade" for the remainder of the summer. I have assigned you these assignments via that group. You SHOULD see these assignments assigned to you, but, if you do not, you can always search the names of these lessons in the search bar in IXL or follow the links here/in Google Classroom!

- This will be graded as an assessment grade at the beginning of the school year. **You must complete EACH assignment to 90% (score) OR for 15 minutes (regardless of score) if you are struggling.** Do not worry about getting things wrong! You can have a low score and still get 100% on this assignment if you try. Remember: The most important thing in math is effort and an open mind. Eventually, you will get it (even if it takes years to get there)!

- I recommend keeping scratch paper, a pencil, and a calculator nearby to help you with these assignments. You should always work out problems on scratch paper when you're doing online computer work.

- **These 11 (6th-grade level) assignments are REQUIRED:**
  - Area between two triangles - https://www.ixl.com/math/grade-6/area-between-two-triangles?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi

  - Area of parallelograms - https://www.ixl.com/math/grade-6/area-of-parallelograms?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi

- ○ Area of trapezoids -
  https://www.ixl.com/math/grade-6/area-of-a-trapezoid?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi

- ○ Volume of cubes and rectangular prisms -
  https://www.ixl.com/math/grade-6/volume-of-cubes-and-rectangular-prisms?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi

- ○ Interpret line plots -
  https://www.ixl.com/math/grade-6/interpret-line-plots?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi

- ○ Describe distributions in line plots -
  https://www.ixl.com/math/grade-6/describe-distributions-in-line-plots?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi

- ○ Create histograms -
  https://www.ixl.com/math/grade-6/create-histograms?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi

- ○ Calculate mean - https://www.ixl.com/math/grade-6/calculate-mean

- ○ Calculate median - https://www.ixl.com/math/grade-6/calculate-median

- ○ Calculate mode - https://www.ixl.com/math/grade-6/calculate-mode

- ○ Calculate mean, median, mode, and range -
  https://www.ixl.com/math/grade-6/calculate-mean-median-mode-and-range?signInRedirect=https%3A%2F%2Fwww.ixl.com%2Fsignin%2Fstpaulsepi

- You must also **choose FIVE (5) assignments in IXL <u>you have not done before</u> that are at the fifth-grade level OR HIGHER** that you would like to complete. Please write the names of these assignments here:
    - _____
    - _____
    - _____
    - _____
    - _____