

All Saints Catholic School
2019 Summer Math Assignment
Students *Entering* Grades 6-8 (On grade level Math)

It is important to us that students not lose any of the math skills and knowledge they have acquired during the school year. That's why this summer we're utilizing Prodigy Game to give students a chance to practice their existing skills and acquire new ones.

What's Prodigy Game? According to its website, Prodigy Game provides "...embedded assessments, and automatic differentiation, Prodigy ensures that each one of your students succeed at their own pace." This tool has tips for students to use as they progress through the various problems they face. These guides come in the form of examples with detailed instructions.

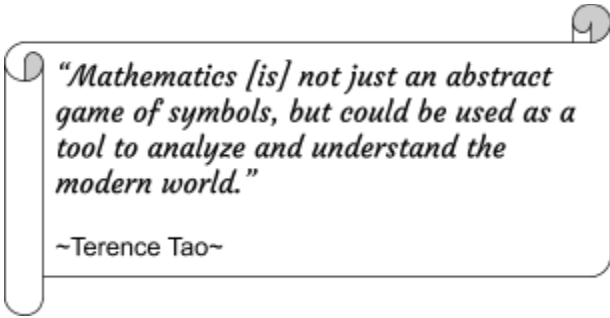
Why use Prodigy Game? There are a number of reasons. For starters, it's free. Also, it's personalized to meet each child's needs. This resource provides a huge engagement for students as they battle using mathematics. "Students aren't only answering fact fluency questions, which can take a few seconds. Rather, problems can take upwards of a minute or more" (ProdigyGame, 2018).

The Requirements

- Login to your PRODIGY account at play.prodigygame.com.
- Each student must log in beginning July 22, 2019 to complete their assignment.
- Each student should start the assignment at their grade level based on the above date. Students will answer 100 questions based on their grade completed.
- Reports will automatically be sent to Mr. Danielsen upon completion.
- Grades will be recorded as a homework assignment for the 2019 - 2020 school year.

Recommendations:

- Ask your child to perform mathematics in real life situations.
 - Ask your child to calculate the tip to leave at restaurant.
 - Ask your son/daughter to compute the sale price of an item.
 - Have your child determine the miles per gallon driven based on the information from the gas pump.
 - If your child is working, have them determine the amount of money they will earn after their job is done based on an hourly rate.
 - Be creative in asking your son/daughter to use “everyday math.”
- If additional assistance is needed for assignment, refer to videos found on Khan Academy



“Mathematics [is] not just an abstract game of symbols, but could be used as a tool to analyze and understand the modern world.”

~Terence Tao~