

# 2024 Summer Math Recommendations for Students Entering 7<sup>th</sup> Grade



As your child transitions from one grade to another this summer, we ask that you continue to have him/her practice math skills in order to keep his/her brain sharp and ready for the next grade. Here are some suggestions for how to do this:

- All students should be proficient with their general math facts ESPECIALLY MULTIPLICATION and ADDITION.
- All students are expected to be proficient in all operations with decimals and fractions: addition, subtraction, multiplication, and division.

Regular practice summer with these and other skills in your child's Freckle and/or Aleks is recommended. These accounts are still available throughout the summer.

Another way to maintain, reinforce, and strengthen current skills and develop better number sense with **fractions** and **decimals** is recommended to practice through real life activities. Here are some suggestions:

## Fractions:

- Recipes:
  - Double, triple,  $\frac{1}{2}$ ,  $\frac{1}{3}$  etc. the recipe to serve more or less people.
    - Do the work mentally. Ask questions as you work. How many cups do you need to double a recipe if the original asks for one-fourth cup?
    - Do the work on paper. Show the work like you do for school.
    - Both methods are good to know.
    - Actually make some recipes.

## Decimals:

- Shopping:
  - Compare your computations with what the actual cost of family purchases are or go on a virtual shopping spree of your own choosing.
    - Add up the total amounts.
    - Figure out the tax you will have to pay by multiplying the total amount by 0.0925.
    - Figure out the total amount owed.

Math online resources: These are just some that may be helpful to prevent "summer loss" for your child in his/her math skills:

- XtraMath (students should have accounts) - basic math fact practice:  
<https://xtramath.org/#/home/index>
- Khan Academy - lessons and videos on the full range of math concepts:  
<https://www.khanacademy.org/>
- There are many other online programs that your students can easily access for fun and extra practice