



Centerville
Elementary School
Frederick, MD
Quarter 2

Volume 1, Issue 2

This Quarter in Math

All 5th graders are creating an interactive math notebook with notes, samples, examples, and explanations of each standard as it is introduced. These are used as resources and the students are already seeing the value in keeping their books neat and organized. Detailed note-taking along with listening skills and following all directions are the keys to success in this realm.

Building on the skills previously outlined in the 1st Quarter newsletter, students have been using their deeper understanding of place value to:

- practice fluently multiplying multi-digit whole numbers (up to 3- by 4-digit numbers) using the standard algorithm,
- find whole number quotients of whole numbers up to 4-digit dividends & 2-digit divisors, using strategies based on place value, the properties of operations, &/or the relationship between multiplication & division,
- illustrate and explain division calculations using equations, rectangular arrays, &/or area models,
- add, subtract, multiply, & divide decimals to the hundredths, using concrete models or drawings & strategies based on place value, the properties of operations, &/or the relationship between addition & subtraction,
- relate the above strategy to a written method & explain the reasoning used
- add & subtract fractions with unlike denominators (including mixed numbers)
- solve word problems involving addition & subtraction of fractions

Each time we re-visit a skill, we spiral upward, extending, challenging and enriching as we go. For example we are circling back to multiplying & dividing decimals but this time both numbers are decimals rather than one being a whole number.

This Quarter in Reading

This quarter, our reading classes will continue to develop their reading notebooks. These notebooks are a wonderful resource for students to reference their reading strategies. They also are a place for each student to reflect deeper thinking regarding their texts. Also, we will continue to focus on short informational text structures and are moving towards extended informational text. Students should continue to read each night for 30 minutes, while working towards their 40 Book Challenge goal.

This Quarter in Writing

We continue to develop our writer's notebook in class, which includes each student's writing samples and strategies. Each student has just worked through the writing process in the development of their personal narrative papers. Our writing focus now is creating an informational report, while taking a closer look at history.

This Quarter in Science and Social Studies

Our first unit of science, Rocks and Minerals, has ended with the first quarter of school. A short Microscope unit has been taught, with a concentration on animal and plant cells. This gave us the opportunity to work with live water organisms!

We will transition into social studies for the remainder of this quarter. This unit will start off by studying geography, which highlights but is not limited to the Earth's spheres, using a compass rose, reading latitude and longitude, and maps' physical features. Then we begin learning about our great nation's development, beginning with Native Americans' origin stories, migration routes, and how they adapted to their environments.

This Quarter's News

- Safety Patrols are on duty as of October 20th. We are proud of how seriously our patrols are taking their responsibilities!
- The Promotion Committee is busy planning end of the year events for our fifth graders. If you are interested in helping out, please contact Mrs. Fegley at mary.fegley@fcps.org
- To help defray the cost of the end of the year celebrations, 5th graders will be selling snacks and drinks at PTA events. Donations of the following items are appreciated
 - Smart Food Popcorn (bags)
 - Ring Pops
 - Push Pops
 - Small Deer Park Water Bottles or Nestle Water Bottles

Reminders to Students

- Band is on Fridays! You are responsible for the work you miss during band. You are expected to attend band even if you forget your instrument.
- Dress for the weather! We go in and out of the building and it is important to have a jacket or sweatshirt handy.
- Don't forget to add the books you read to your 40 Book Challenge book list!

Reminders to Parents

- Please remember to replenish your child's class supplies. It's likely that by now they need a fresh supply of: pencils, pens, highlighters (5 colors) & glue sticks. *Please also ask if they still have their scissors.*
- For more information about 5th grade curriculum and how you can support your child's learning at home, please take moment to check out the "[Fitting the Pieces Together](#)" booklet on the FCPS website.

Fifth Grade Wishlist

- Tissues
- Disinfectant wipes
- Dry erase markers & erasers
- New or gently used books for classroom libraries
- New or gently used games for indoor recess



Upcoming Events

- Winter break- December 24- January 4
- Field Trip: House, Fegley, Davenport, and Hageman- Outdoor School January 16 & 22
- Field Trip: Gearhart and Parker- Outdoor School January 21 & 23
- End of quarter 2: January 23rd
- Valentine's Day Party: February 12th

Thank You Families!

Special thanks....

- We appreciate all of the work it takes to put on a fun fall party. Thank you to each of you who volunteered or contributed in any way.
- To our ESSL chaperones: We are grateful to you for your help. Thanks for joining us!