



5th Grade Weekly Family Update

Welcome back! We hope you had a nice, relaxing break. The students are ready for the second half of the school year. We heard many of them talking about the annual Lip Dub, graduation, and our upcoming field trips! This week, on Friday, the students will be heading to Hidden Valley to learn how to ski with Mr. Curcuru.

This week, we sent home permission slips for the students' sustainability field trips. Each student will be going on one field trip that pertains to their research and one that they are interested in learning more about. The students have been working on questions to ask the experts and will be taking notes. The trips will help the students learn more about how to make Hudson more sustainable!



Google Classroom: This year your child will be using Google Classroom each day in order to keep track of their learning goals, share assignments, take assessments, and interact with new learning. In order to make it easier for you to see what is going on with their learning at school we ask that you check their site weekly for updates, and talk to your child weekly using this tool. We have created a video that shows you how to log into their account. Please stay signed in for ease of use. If you prefer you may also download the Google Classroom app onto your phone and sign in using the same credentials. Your child should know their login information. If they forget, please contact us and we will give you the information.

Video: <https://youtu.be/lbIJETOGxaY>

Student email: first initial - last initial - 6 digit birthdate @wgcloud.org

Example: dz121585@wgcloud.org

Password: pin number + wgsd Example: 1234wgsd

Dates to Remember:

January 11th	Hidden Valley Ski Trip
January 14th	MSD and Water Treatment Plant field trip
January 15th	Powder Valley field trip
January 17th	STL Composting field trip
January 18th	Spirit Day: Superhero/Villain Day
January 21st	No School-Martin Luther King Jr. Day
January 25th	Recycling Center and Landfill field trip

Got Questions? Call or text us at:

Mrs. Pingel 314-629-5860 or **Dr. Z:** 314-717-0142



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Our Day of Learning

Community:

Structures and Properties of Matter: For the next month, the students will answer the question, “When thinking about cooking and the foods we eat, how do they relate to structure and properties of matter?”. To answer this guiding question, students will work in groups, applying their knowledge through labs and then, create their own cooking show that explains the science behind what they are cooking or baking.

Possibilities:

Congratulations to our Water Waste group for getting Hudson a water bottle filler station!

Our Sustainability groups have formed and are working on planning next steps such as field trip opportunities. The groups are gathering contact information for these places as well as making the contact to plan the trip. The locations students will be going to are:

Water Treatment Plant and MSD Plant (Jan 14th)	STL Composting (Jan 17th)
Powder Valley (Jan 15th)	Landfill and Recycling Center (Jan 25)
Missouri Botanical Gardens (Jan 16th)	

Through this project we will be also covering writing, reading, and math standards.

Writing: Nonfiction and Persuasive Writing

Reading: Informational Texts, Research, Note Taking, Summary

Math: Measurement, Volume, Decimals, Fractions and Data Collecting and Analysis

Seminar: This week, students will be choosing two new books within the Mystery/Drama genres.

Mind Time and Shared Learning: In fractions this week we are reviewing equivalent fractions, representing fractions as pictures, and ordering benchmark fractions. Please see below for more information on how you can support this work at home.

Our intervention work with multiplication and division will be ending next week. After break we will be working on subtraction and addition strategies for multi digit numbers. If you and your student would like to review the multiplication and division strategies used in our classroom, there is a website called [Khan Academy](https://www.khanacademy.org) that produces short video lessons and includes practice exercises. Each student has an account through their school Google account. Your student should know their username and password.

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We've included some videos that outline the progression for some of the work your child has been and will do in math:

[The Progression of Addition and Subtraction](#)

[The Progression of Multiplication](#)

[The Progression of Division](#)

[The Progression of Fraction](#)

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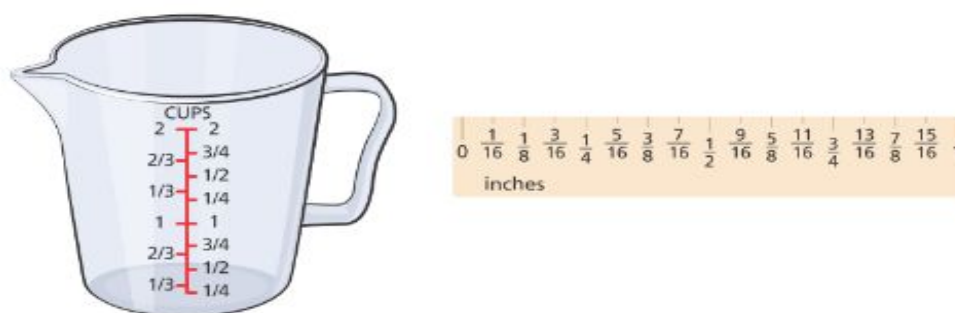
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Related Activities to Try at Home

Dear Family,

The activities below are related to the mathematics in the fractions unit *Rectangles, Clocks, and Tracks*. You can use the activities to enrich your child's mathematical learning experience.

Fractions on a Number Line You and your child can look for examples of number lines (with fractions, whole numbers, or unnumbered marks) such as those on measuring cups, speedometers, gasoline gauges, rulers, and thermometers. Talk together about what the fractions mean or what numbers the marks represent when you use these measuring tools.



How far? While traveling, ask your child questions about how far you've gone or how far you need to go. For example, if you are going to a park that is 4 blocks away, point out when you have gone $2\frac{1}{2}$ blocks and ask how many more blocks must you go to reach the park.

Related Activities to Try at Home

Estimating Sums and Differences As you encounter fractions in everyday life (such as cooking or measurement), ask your child questions about sums or differences. For example, if you're cooking, ask your child if you have enough (sugar, flour, milk) for the recipe; about how much more is needed; what the total number of (cups) of dry ingredients would be.

How Did You Solve That? As in other *Investigations* units, students develop several strategies that make sense to them for solving fraction problems. When you see your child using a strategy that is not familiar to you, ask for an explanation. The conversation will be educational for both you and your child.

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