



5th Grade Weekly Family Update

5th Grade Families,

Welcome Back! We hope you had a relaxing spring break. We are looking at our calendars for the end of the year activities and will be sending permission slips home soon.



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:

April 11th	Amazing Race
April 12th	Beach Day
April 16th - 26th	Map Testing
May 21st	Oak Haven Park
May 22nd	City Museum
May 23rd	Tropicana Lanes
May 24th	Last Day - Early Release; Graduation

Our Day of Learning

Community:

We are continuing the science activity called Science in Saint Louis. In this activity, students try to figure out the science behind popular St. Louis attractions. To try to explain each attraction, students are introduced to phenomena that allow them to develop and review science ideas, like force and motion, heredity and adaptation, energy, weather, and changes in the Earth's surface.

Got Questions? Call or text us at:

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



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Students will use this information to figure out how to improve or create an exhibit that highlights the science behind these attractions.

Possibilities:

April is National Poetry Month! Students will be celebrating with our poetry unit. They are learning about the elements of poetry, the different types of poems, and creating their own! Along with their poetry unit, students are also writing in their journals. We encourage them to write at home.

During this time, we will also be working on our Space Unit, where we will be discussing space exploration and the colonization of Mars. Students are still in teams researching answers to the questions that they came up with as a class. They will soon form engineering teams and share their expertise around a specific topic that will help the team's construction of a habitable colony on Mars.

Seminar: We are reading *Ghost Boys* by Jewell Parker Rhodes. The book is told by Jerome, a 12-year-old bullied black kid in Chicago who's shot dead by a white policeman while playing with a toy gun. Both his own family and the cop's start to unravel in the wake of this horror as Jerome watches through grieving, anger, court appearances -- and his friend stepping up to defend his little sister from bullies. Along the way, he forms a shaky friendship with the cop's daughter, Sarah (the only living person who can see him), and learns from ghost boy Emmett Till of a long and brutal history of black kids being killed. In a story where there are no winners, the only thing to do is to try to do better.

Mind Time and Shared Learning:

To go along with our science units, we are using tables and coordinate graphs to analyze patterns and solve real-world and mathematical problems. Attached is a letter from the text that explains the goals we are working towards.

We have started work towards a new goal during Intervention time. We are extending our work with adding, subtracting, multiplying, and dividing mixed numbers and improper fractions. We will also be working with simplifying answers. Check out this section on Khan Academy to brush up on your skills. <https://www.khanacademy.org/math/cc-fifth-grade-math/cc-5th-fractions-topic>

Each student has an account through their school Google account. Your student should know their username and password.

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](#)

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[The Progression of Multiplication](#)

[The Progression of Division](#)

[The Progression of Fraction](#)

FAMILY LETTER

NAME

DATE

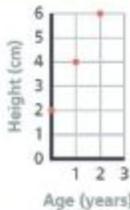
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About the Mathematics in This Unit

Dear Family,

Our class is starting a new mathematics unit called *Temperature, Height, and Growth*. The focus of this unit is on using tables and coordinate graphs to analyze patterns and solve real-world and mathematical problems. In this unit, students learn about situations in which two quantities, such as temperature or height, are changing over time. They also study changes associated with geometric shapes, for example, how the area of a square changes as the length of its sides increases. Students use tables, graphs, and equations to represent how one quantity changes in relation to another quantity. They analyze patterns they can see in the tables or in the shapes of the graphs to solve problems and compare situations.

Throughout the unit, students will be working toward these goals:

Benchmarks	Examples								
Use tables to record ordered pairs and construct coordinate graphs to represent the relationship between <i>x</i> -coordinates and <i>y</i> -coordinates.	<table border="1" style="margin-bottom: 10px; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #7ed321; color: white;"> <th style="padding: 2px 5px;">Age (years)</th> <th style="padding: 2px 5px;">Height (cm)</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px 5px;">0 (birth)</td> <td style="padding: 2px 5px;">2</td> </tr> <tr> <td style="padding: 2px 5px;">1</td> <td style="padding: 2px 5px;">4</td> </tr> <tr> <td style="padding: 2px 5px;">2</td> <td style="padding: 2px 5px;">6</td> </tr> </tbody> </table> 	Age (years)	Height (cm)	0 (birth)	2	1	4	2	6
Age (years)	Height (cm)								
0 (birth)	2								
1	4								
2	6								

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NAME _____

DATE _____

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About the Mathematics in This Unit

Benchmarks	Examples
Determine what values are represented by points on a coordinate grid.	<p>Point B represents the value 3 on the x-axis and 5 on the y-axis.</p>
Represent real world and mathematical problems by graphing points in the coordinate plane and interpret the graph in the context of the situation.	<p>High Temperatures in One Year in Honolulu</p> <p>On September 9, the temperature was 90°F.</p>
Use tables and graphs to compare two situations governed by rules that generate numerical patterns.	<p>Tony, Maya, and Susie</p>

Please look for more information and activities about *Temperature, Height, and Growth* that will be sent home in the coming weeks.

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