



Fourth Grade Post

2/1/25

MONTH AT A GLANCE

Thursday, February 6
Report Card Distribution

Friday, February 14
Valentine's Day Party
12-1pm

Monday, February 17
No School

Friday, February 28
Early Release

We are in need of tissues and disinfecting wipes.

Kids Heart Challenge

This February our school will be participating in our annual Kids Heart Challenge where we help to raise funds to support the American Heart Association's efforts to raise money to help fight cardiovascular disease.

This event is sponsored by our Physical Education Department in conjunction with the American Heart Association. Your child will participate in fun, heart healthy activities during all PE classes the week of Feb.13-17th to celebrate our fundraising efforts. This is a **free program** for all students at our school and all donations to the American Heart Association are voluntary.

All online donations will be collected throughout the entire month of February until February 28th. Please consider helping us as it is a great way to show community service and to help promote an increased level of physical activity. To sign up, your child can register at heart.org/KHC

Students will have the opportunity to choose a daily health challenge and to earn thank-you gifts from the American Heart Association based on the amount of money they collect. All thank-you gifts will be given to your child approximately 3 weeks after the event is completed. Mr. Benco and Mr. LaRocca will introduce the program to students during the first part of PE classes during January 23rd through Feb. 3rd.

If you have any preliminary questions please feel free to contact Mr. Benco at: thomas_m_benco@mcpsmd.org

Thank you in advance for being a Heart Hero!

LITERACY

CKLA

Students are continuing Unit 3 of our CKLA unit. As they go through Unit 3, *Eureka! Student Inventor*, they read a range of informational texts about inventors, inventions, and the process of creation. In addition to close readings, students analyze objects and situations in the world around them, identify problems, create evidence-based solutions, and ultimately become inventors themselves. By routinely writing informational and opinion pieces, students practice research, observation, communication, and persuasion. They also engage in a range of collaborative discussions, sharing ideas and working in teams with defined roles and agreed-upon rules.

In *Eureka! Student Inventor*, students are contestants on the bizarre and exciting reality TV game show—a show in danger of cancellation because of a few . . . unfortunate . . . incidents last season. Students are divided into teams



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(labs) and participate in activities and challenges both in groups and individually. Guided by inventor-judges Jacques Cousteau, Hedy Lamarr, Thomas Edison, and George Washington Carver, as well as a host, the teacher-contestants learn about the process of invention through examples and experiments. Throughout the Quest, the judges will “interact” with students through videos and notes.

Enriched Literacy

This month, our focus question will be: How does studying authors help us reflect on our own heritage, culture, and life? We will explore fiction and nonfiction texts by authors, focusing on the relationships between authors and their works. As we study authors, students will also reflect on their own lives, writing personal memoirs and autobiographical writing pieces. Throughout the unit, we will focus on the concept of change, and how change is constant in our lives and in the world around us.

MATH

Eureka- Math 4

In February, we will continue working in Module 5. We will extend our understanding of fraction equivalence to mixed numbers. This leads to the comparison of fractions and mixed numbers and the representation of both in a variety of models. Benchmark fractions play an important part in students’ ability to generalize and reason about relative fraction and mixed number sizes. Students will come to an understanding that representing a fraction as the repeated addition of a unit fraction is the same as multiplying that unit fraction by a whole number.

Eureka - Math 4½

Students will begin Module 6 as they read, write, compare, and round decimals and fractions. Students will dive into adding and subtracting decimal numbers in the context of word problems as well as making connections between fractions, decimals, and money. In this month, students will also begin Module 7, where they will build their competencies in measurement as they relate multiplication to the conversion of measurement units. Throughout the module, students explore multiple strategies for solving measurement problems involving unit conversion.

Social Studies

In MP3, students will learn about the development of the colonial regions and their economies, including how colonial economies relied on enslavement and indentured servitude as sources of labor. They will describe the experiences of free and enslaved Black people in the colonies and explain how freedoms were denied or limited based on colonial laws.

Health:

In MP3, students will be focusing on health and nutrition. Students will be able to answer:

- Describe how nutrients in foods contribute to health
- Explain how caloric intake impacts exercise and the effect of nutrition on physical fitness
- Summarize the Dietary Guidelines for Americans



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- Examine specific components on the Nutrition Facts Label
- Compare nutrient information on a variety of food labels

Science

In MP3, students will focus on the Essential Question: What happens when objects collide? Students will be tasked with designing a fast bumper car that protects drivers during collisions.