

# HCCMS 8<sup>th</sup> Grade Subject Newsletter

3-20-2023

## **8<sup>th</sup> Science:**

Students will be learning about and exploring the various waves of the Electromagnetic Spectrum and their uses, which consists of radio waves, microwaves, infrared waves, visible light, ultraviolet waves, x-rays, and gamma rays (Standard S8P4. b, c). A test over this material will be Friday, March 24<sup>th</sup>.

## **Honors Physical Science**

Standards:

SPS10a - Electric current

SPS10b - Circuits

SPS10c - The relationship between magnetism & electricity

Agenda:

Monday – Lesson: Circuits; Video-Electric Current, Circuit Drawings Practice

Tuesday – Lab: Exploring Circuits (Phet Simulation-online); Circuits Practice

Wednesday – Lab: How is amperage affected by differences in circuits?

Thursday – Lesson: Magnetism & its Relationship with Electricity

Friday – Finish notes from Thursday; Lab: Building Electromagnets & Simple Motors; Electricity & Magnets WS

*Join my Remind: text @hps22-23 to 81010*

## **8<sup>th</sup> Grade Math**

This week students will be working on standard MGSE8.EE.8. They will learn how to solve systems of equations with the substitution method. They will continue to solve systems word problems. Our goal is to finish the systems unit this week.

## **Accelerated Algebra I**

This week students will be working on standards MGSE9-12.S.ID.6, MGSE9-12.S.ID.7, MGSE9-12.S.ID.8, and MGSE9-12.S.ID.9. Students will make scatter plots, distinguish between the different correlations a scatter plot can represent, use a line of best fit to make predictions, learn the difference between correlation with and without causation, create a linear regression line using a calculator, and find and interpret the correlation coefficient.

## **Georgia Studies**

Georgia Studies students will be evaluating Georgia's role in the Civil Rights Movement and explaining the importance of developments in Georgia since the late 20<sup>th</sup> century. Students will explain Georgia's response to *Brown v. Board of Education* including the 1956 Georgia flag and the Sibley Commission. Students will be describing the role of individuals like Martin Luther King, Jr. and John Lewis, groups like the SNCC and the SCLC and events like the Albany Movement and the March on Washington in the Civil Rights Movement. Students will be explaining the resistance to the 1964 Civil Rights Act emphasizing the role of Lester Maddox. Students will be explaining how the continued development of Atlanta under mayors Maynard Jackson and Andrew Young impacted the state. Students will be describing the role of Jimmy Carter in Georgia as state senator, governor, president, and past president. Students will be evaluating the short-term and long-term impacts of hosting the 1996 Olympics on Georgia's economic and population growth. Finally, students will be analyzing Georgia's role in the national and global economy of the 21<sup>st</sup> Century, with regard to tourism, Savannah port expansion, and the film industry. *Key Terms and Vocabulary: civil rights, Brown v. Board of Education, 1956 state flag, Sibley Commission, Martin Luther King, Jr., Southern Christian Leadership Council (SCLC), John Lewis, Student Non-Violent Coordinating Committee (SNCC), Albany Movement, March on Washington, Civil Rights Act of 1964, Lester Maddox, Jimmy Carter, Maynard Jackson, Andrew Young, Centennial Olympic Games, film industry, tourism industry, Savannah port expansion*

Students can expect a unit test Friday, March 24 covering Georgia's Role in WW2, Post WW2 Georgia, the Modern Civil Rights Movement in Georgia, and Georgia in the Modern Era.

Coastal Georgia Trip Update: The CGT will be from Tuesday, March 28 – Thursday, March 30. For all students going on the CGT that require prescription medications, 3 days' supply of prescription medications should be turned into the 8<sup>th</sup> grade office by Tuesday, March 21. All prescription medications should be submitted in their original prescription bottle with the original prescription label from the pharmacy. Only send three days supply of medication.

### **8<sup>th</sup> grade ELA:**

8<sup>th</sup> grade ELA: ELAGSE8RL1-10, L4, and L5. Students will begin reading the novel *Touching Spirit Bear*, by Ben Mikaelson. Students will complete a variety of activities based on state standards while reading.

- Wrap up the novel and complete projects/quiz
- Poetry