

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

10-21-2022

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

Students will be learning about and exploring electric and static charges (Standard S8P5.a,b,c). A test over this material will be Tuesday, Nov. 1<sup>st</sup>. All lessons, classwork, and study resources are located in your child's Google classroom.

## **Honors Physical Science**

### Standards:

SPS4a - Nuclear fission & fusion

SPS4b - Nuclear decay/transmutation reactions

SPS4c - Applications, benefits, & problems of nuclear energy

SPS2a- Properties of Ionic Bonds

SPS2b- Modeling Ionic Bonds

### Agenda:

Monday - Lab: Half-life of an M&M

Tuesday - Test: Nuclear Chemistry

Wednesday - Lesson: Ionic Bonding & Lewis Dot Structures; Ionic Bonding Diagrams

Thursday - Quiz: Ionic Bonding; Lesson: Metallic Bonding; Metallic Alloy Baseball Card Project (due 11/3)

Friday - Lesson: Assigning Oxidation Numbers to Elements in a Compound; HW: Oxidation Numbers Practice Worksheet

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

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

This week we will work on standards MGSE8.EE.3, MGSE.EE.4, and MGSE8.EE.7. Students will finish the scientific notation unit and then begin a solving equations unit. Students will solve multi-step equations that contain combining like terms, the distributive property, and fractions.

## **Accelerated Algebra I**

This week students will work on standards MGSE9-12.F.BF.4 and MGSE9-12.N.RN.2. Students will finish the arithmetic sequences and functions unit and then begin an operations with radicals unit. Students will simplify, add, subtract, multiply, and divide radicals.

## **Georgia Studies**

Students will begin a new unit on The Impact of Civil War on Georgia. Students will explain the importance of key issues and events that led to the Civil War including slavery, states' rights, nullification, Compromise of 1850, the Georgia Platform, the Missouri Compromise, the Dred Scott case, the election of 1860, and the debate over secession in Georgia. Students will also explain Georgia's role in the Civil War including the Union blockade of Georgia's coast, the Emancipation Proclamation, Chickamauga, Sherman's Atlanta Campaign, Sherman's March to the Sea, and Andersonville Confederate Prison. *Key Terms and Vocabulary: states' rights, Civil War, slavery, nullification controversy, Missouri Compromise, Compromise of 1850, Georgia Platform, Dred Scott, Election of 1860, Abraham Lincoln, blockade, Emancipation Proclamation, Battle of Chickamauga, Atlanta Campaign, General William Tecumseh Sherman, March to the Sea, Andersonville Confederate Prison*

### **Coastal Georgia Trip Update:**

Parents with students on the Coastal Georgia Trip Wait List should check their email boxes as some spots on the trip have come available. The Tour company is reaching out to the first names on the list to notify them of this opportunity. If they do not get responses from their emails, they will move down to the next names on the Wait list.

Also, next Friday, October 28, 2022, will be our first Coastal Georgia Trip Scholarship Fund Hat Day. Proceeds from this HAT DAY will go so subsidize the trip for students in need of financial assistance. The HAT DAY participation fee is only \$1, and the homeroom with the highest percentage participation will win a prize bordering on lavish. Your 7<sup>th</sup> Grade students and their homerooms are included, as they will certainly be 8<sup>th</sup> graders preparing for their own Coastal Georgia Trip very soon.

**8<sup>th</sup> grade Ela:** ELAGSE8RL10, RL1, RL4, RL6, W1.

Students will read a historical fiction play to cover drama, act, scene, foil, script, figurative language, and learn how dialogue and character development propel the plot.

- Continue reading the play "The Diary of Anne Frank."
- 8-2 personal narrative
- Routine writing in connection with "The Diary of Anne Frank"
- Adv.- Discuss our next anchor activity for 2<sup>nd</sup> 9wks