

HCCMS 8th Grade Subject Newsletter

9-16-2022

8th Science:

Students will be learning about and exploring physical and chemical properties and changes of matter (Standard S8P1c., d.) with a test over this material probably Tuesday, Sept. 27. All lessons and resources are located in your child's Google Classroom.

Honors Physical Science

Standards:

SPS1a – Structure of atoms, ions, & isotopes

SPS1b – Trends on the periodic table

Weekly Agenda

Monday – Lesson: Atomic Information & Atomic Calculations; Parts of an Atom & Atomic Theory worksheet #1

Tuesday – Atomic Theory worksheet #2; Quiz: Atomic Information

Wednesday – Lesson: Elemental Structure/Symbolizing on the Periodic Table; Element BINGO

Thursday – Lesson: Organization of the Periodic Table; Read Section 5.3 p. 139-145, answer questions 1-12 on p. 145

Friday – Periodic Table Partner Race; Lab: What does the periodic table tell us about the elements?

Join my Remind: text @hps22-23 to 81010

8th Grade Math

This week in 8th grade math, students will continue to work on standard MGSE8.G.5. Students will finish up working on the triangle sum theorem and exterior angle of a triangle theorem. They will also learn how to find the missing angles given a set of parallel lines with two transversals. Students are scheduled to have a test over all angle relationship material on Friday, September 23rd.

Accelerated Algebra I

This week in Accelerated Algebra I, students will work on standards MGSE9-12.A.CED.2, MGSE9-12.A.REI.10, and MGSE9-12.A.REI.12. Students will learn how to write and graph equations in point-slope form. Students are scheduled to have a test on Friday, September 23rd. The test will have them graph linear equations and linear inequalities. It will also have them write equations of lines, solve and graph slope intercept and standard form word problems, and solve proportions.

Georgia Studies

Students will be introduced to a new unit of study over Georgia in the American Revolutionary Era. Students will analyze the role of Georgia in the revolution by explaining the causes of the war as they impacted Georgia. Students will include the causes of the French and Indian War, The Seven Years War, The Proclamation of 1763, and the Stamp Act. Students will interpret the three parts of the Declaration of Independence (preamble, grievances, and declaration) and identify the three Georgian signers of the document. Students will also analyze the significance of the Loyalists and Patriots as part of Georgia's role in the Revolutionary War including the Battle of Kettle Creek and the Siege of Savannah. Finally, students will analyze the weaknesses of the Articles of Confederation and explain how those weaknesses led to the writing of the new federal Constitution.

Key Terms and Vocabulary: American Revolution, French and Indian War, Proclamation of 1763, Stamp Act, Declaration of Independence, Button Gwinnett, Lyman Hall, George Walton, Loyalists, Patriots, Battle of Kettle Creek, Siege of Savannah

Mark this date on your calendar: The first Parent Information Meeting for the Coastal Georgia Trip has been set. **September 20 at 6:30 PM** in the school cafeteria. Coastal Georgia Trip dates: March 28, 29, and 30. Projected cost at this time: \$479 – cost includes transportation on luxury motor coaches, hotel lodging, all meals, security, and admission to all tour stops and events. After the meeting, you will be able to go online and reserve your child's spot on the trip. And remember, there will only be 200 spots. After those spots are filled, your child will go on a wait list.

8th grade Ela: ELAGSE8RL10, RL1, RL4, RL6, W1.

Students will read grade level texts to cover plot diagram and suspense.

- Begin "The Tell-Tale Heart" activities
- Plot Diagram
- Grammar Review

Advanced: Students will begin an anchor activity- Due Sept. 23rd