

HCCMS 8th Grade Subject Newsletter

3-6-2023

8th Science:

Students will continue to learn about and explore light waves and lenses (Standard S8P4. d, e, g) with a test over this material Thursday, March 9th.

Honors Physical Science

Standards:

SPS9a - Mechanical & electromagnetic waves

SPS9b - Characteristics of mechanical & electromagnetic waves

SPS9c - Wave behaviors

SPS9d - Speed of waves through media

SPS9e - Doppler Effect

Agenda:

Monday – Lesson: Optics & Mirrors; Mirror Diagram Practice (due 3/8)

Tuesday – Lab: Determining Images from Various Types of Mirrors; EOCT#5 Review (due 3/14)

Wednesday – Lens Diagrams; Review: Light & Optics

Thursday – Test: Light & Optics

Friday – No school for students (Teacher-in-Service Day)

Join my Remind: text @hps22-23 to 81010

8th Grade Math

This week students will work on standards MGSE8.SP.1, MGSE8.SP.2, MGSE8.SP.3., and MGSE.EE.8. Students will be ending the linear models and tables unit. Students will begin a unit on systems of equations. During this unit students will learn how to solve a system of equations by graphing, elimination, and substitution.

Accelerated Algebra I

This week students will work on standards MGSE9-12.S.ID.1, MGSE9-12.S.ID.2, MGSE9-12.S.ID.3, and MGSE9-12.S.ID.5. Students will find the measures of central tendency, create box and whisker plots, and use two-way tables to answer questions. There will be a final exam on March 9th.

Georgia Studies

Georgia Studies students will be introduced to a new unit covering Georgia's participation in World War II and Georgia during the Post World War II period. Students will learn and describe the role Georgia played in World War II, describe the key events leading up to American involvement in the war including the Lend-Lease Act and bombing of Pearl Harbor. Students will also evaluate the purpose and economic impact of the Bell Bomber Plant, military bases, and the Savannah and Brunswick shipyards while explaining the economic and military contributions of Senator Richard B. Russell and Representative Carl Vinson. In the Post World War II period, students will be explaining how technology transformed agriculture and created a population shift with the state, how the development of Atlanta under mayors William B. Hartsfield and Ivan Allen, Jr. impacted the state while describing the relationship between the end of the white primary and the 1946 governor's race. *Key Terms and Vocabulary: Lend Lease Act, Pearl Harbor, Hawaii, Richard B. Russell, Carl Vinson, Bell Bomber Plant, Savannah shipyard, Brunswick shipyard, military bases*

8th grade Ela:

8th 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.

- Continue reading the novel and completing comprehension/vocabulary activities.
- Verb Moods and other grammar review