

HCCMS 8th Grade Subject Newsletter

10-7-2022

8th Science:

Students will be reviewing for the second Checkpoint Challenge which will be on Wed. Oct. 12th over Standards S8P1.a-f (Matter). Students will then start to learn about and explore the two different types of mixtures, heterogeneous and homogeneous, and compare those mixtures to pure substances. The next test is over this material will probably be Tuesday, Oct. 18th.

Honors Physical Science

Standards:

SPS4a - Nuclear fission & fusion

SPS4b - Nuclear decay/transmutation reactions

SPS4c - Applications, benefits, & problems of nuclear energy

Agenda:

Monday - No School

Tuesday - History of Radioactivity; Madame Curie reading assignment

Wednesday - Lesson: Transmutations Reactions/Nuclear Decay; Read p. 292-297, Answer Section 10.1 Assessment Questions

Thursday - Continue with Transmutation Reactions Notes; Nuclear Equations; Nuclear Chemistry Worksheet

Friday - Quiz: Transmutation Reactions; Radioactive Decay Cards Activity

Join my Remind: text @hps22-23 to 81010

8th Grade Math

This week students will be working on standards MGSE8.EE.3 and MGSE8.EE.4. Students will be multiplying and dividing numbers in scientific notation. They will also be using their properties of exponents skills from last week in order to complete the problems.

Accelerated Algebra I

This week students will be working on standards MGSE9-12.F.IF.1, MGSE9-12.F.IF.2, MGSE9-12.F.IF.9, and MGSE9-12.A.APR.1. Students will be learning about domain and range, evaluating functions, and function operations.

Georgia Studies

Georgia Studies students will begin a new unit on Westward Expansion in Georgia from the late 1700s to the mid-1800s. Students will learn the reasons for establishing the University of Georgia as the first public university of higher education in the entire young nation. Students will analyze the reasons for the westward movement of Georgia state capitol, evaluate the intricacies of the impact of land policies used in Georgia including the headright system, land lotteries, and the embarrassment of the Yazoo Land Fraud. Students will explain how technological developments, including the cotton gin and railroads aided in the economic and physical growth of Georgia. Students will describe the role of William McIntosh in the removal of the Creek from Georgia, and analyze the key players like John Ross, John Marshall, and President Andrew Jackson as well as events such as the Dahlonega Gold Rush and *Worcester v. Georgia* led to the removal of the Cherokee from Georgia in the tragic event known as the Trail of Tears. *Key Terms and Vocabulary: University of Georgia, Louisville, headright system, Yazoo Land Fraud, Yazoo Act, land lottery, ceded, cotton gin, railroads, Creek, William McIntosh, Cherokee, Dahlonega Gold Rush, Indian Removal Act, John Ross, John Marshall, Worcester v. Georgia, Andrew Jackson, Trail of Tears*

Students will take Checkpoint Challenge 2 on Tuesday, Oct. 11. Checkpoint Challenge grades are entered in Infinite Campus as a test score, so this will be their first test score of the 2nd term. Checkpoint Challenge 2 includes material going all the back to the first unit of the school year to assess mastery of the content.

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

Students will read a historical fiction play to cover tone, figurative language, and learn how dialogue and character development propel the plot.

- Introduce Anne Frank and discuss the historical facts about the Holocaust/WWII era.
- Check Point Challenge #2 on Oct. 12th.
- Begin reading the play “The Diary of Anne Frank.”