

HCCMS 8th Grade Subject Newsletter

12-5-2022

8th Science:

Students will be learning about and exploring Newton's 3 Laws of Motion (Standard S8P3. a, b). There will be a performance grade on Fri. Dec. 9th over gravity, forces, and Newton's 3 laws of motion. The 4th Checkpoint Challenge will be Tues. Dec. 13th. All lessons and resources are located in your child's Google classroom.

Honors Physical Science

Standards:

SPS6a – Properties of solutions

SPS6b – Factors affecting the rate of solubility

SPS6c – Analyze the solubility curve

SPS6d – Properties of acids and bases

SPS6e – Classifying common household substances as acidic, basic, or neutral

Agenda:

Monday – Lesson: Impure Substances – Mixtures w/practice

Tuesday – Lesson: Solubility & Solubility Curve; Solubility Curve Concentrations Worksheet

Wednesday – Lesson: Acid-Base Neutralization

Thursday – Acids, Bases, & pH Reading Activity & Review

Friday – Test: Solutions, Acids/Bases/pH; Begin CPC Review

Join my Remind: text @hps22-23 to 81010

8th Grade Math

This week in 8th grade math, students will be working on standards MGSE.G.6, MGSE.G.7, and MGSE.G.8. Students will learn how to use the Pythagorean theorem to find a missing leg of a right triangle or the hypotenuse of a right triangle. They will find the hypotenuse using a coordinate plane. Students will also solve Pythagorean Theorem word problems and determine whether or not three given lengths would form a right triangle.

Accelerated Algebra I

This week in Accelerated Algebra I, students will be working on standard MGSE9-12.A.REI.4. Students will learn how to solve quadratic equations by using the methods of taking square roots, factoring, and completing the square.

Georgia Studies

This week Georgia Studies students will complete their unit on the Reconstruction Period in Georgia and the United States. Students will explain the roles of the 13th, 14th, and 15th Amendments in the Reconstruction Period. Students will explain, compare, and contrast the key features of the Lincoln, Johnson, and Congressional plans of Reconstruction. Students will compare and contrast the goals and outcomes of the Freedmen’s Bureau and the Ku Klux Klan. Students will examine the reasons for and the effects of the removal of African American or Black legislators from the Georgia General Assembly during Reconstruction. Students will also give examples of goods and services produced during the Reconstruction Era, including the use of sharecropping and tenant farming. *Key Terms and Vocabulary: Reconstruction, Freedmen’s Bureau, tenant farmers, sharecroppers, Abraham Lincoln, 13th Amendment, 14th Amendment, 15th Amendment, Henry McNeal Turner, Ku Klux Klan*

8th 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.

- Begin Act II of the play “The Diary of Anne Frank.”
- Routine writing in connection with “The Diary of Anne Frank”
- Verbals: Gerunds, Participles, & Infinitives Review
- Hyphens, Dash, and Ellipsis activities 8-1
- Advanced classes anchor activities