

HS Physical Science Godfrey Remote Lesson Plan

Teacher/Subject: Godfrey/HS Physical Science	Date: Thursday, April 16, 2020
Standards:	<p>SPS9a. Analyze and interpret data to identify the relationships among wavelength, frequency, and energy in electromagnetic waves and amplitude and energy in mechanical waves.</p> <p>SPS9b. Ask questions to compare and contrast the characteristics of electromagnetic and mechanical waves.</p> <p>SPS9c. Develop models based on experimental evidence that illustrate the phenomena of reflection, refraction, interference, and diffraction.</p> <p>SPS9d. Analyze and interpret data to explain how different media affect the speed of sound and light waves.</p> <p>SPS9e. Develop and use models to explain the changes in sound waves associated with the Doppler Effect.</p>
Objective:	To review and assess student understanding of the waves, sound and light.
Student Activities:	<p>1. Unit 9 Study Guide Part 2 (40 minutes)</p> <ul style="list-style-type: none">You will find the Unit 9 Study Guide assignment in Google Classroom.Your Unit 9 Test is scheduled for Thursday, April 23.<u>Complete the second half of the study guide before Thursday, April 23.</u>Don't forget to check your study guide before the test. The answers will be posted on Ms. G's website in the normal place. <p>2. Study Island Review (40 minutes)</p> <ul style="list-style-type: none">Go to ClassLink and login, then select the Study Island appYou will select the HS Waves Review under assignments in the bottom right corner.There are 2 assignments: Wave Properties and Wave Behavior. Each assignment has a review of material, flashcards, and a quiz.If you score higher than an 80% on the quiz at the end of each section, you will have the option of game mode. <p>3. Create a Review (40 minutes)</p> <ul style="list-style-type: none">Develop a 10 question review about one of the following Unit 9 topics: Wave properties, types of waves, electromagnetic spectrum, wave interactions, sound, light, color, mirrors, lenses.

	<ul style="list-style-type: none"> • Try to find a new and different review activity for your peers to use. Quizizz and Quizlet are great but, try to branch out. The review can be a style of your choosing. Think about what helps you review BEST and have fun with it. • Once you have finished your quiz and are ready to share it go to this Padlet: https://padlet.com/JGodfrey7/oxv58ksstncv41bf • Post your review activity to the column for your class. <p>4. Quizlet Live during Help Session on Thursday, April 16 (Optional, but FUN)</p> <ul style="list-style-type: none"> • Come one come all! Ms. G will host a Quizlet live session via Zoom beginning at 11:30 am. The Zoom link is in Google Classroom. • You will be placed on random teams for this game. • If you have not used the Quizizz and Quizlet review links posted in the resources section below you may want to...
Resources:	<p>Ms. Godfrey’s Website: atomsandapples.weebly.com/ Online Text: ClassLink, McGraw Hill Connect Ed Google Classroom: Login and open GC for science class Gizmo: To access go to explorlearning.com, login with username - your lunch # and password – your birthday Quizlet & Quizizz Links:</p> <ul style="list-style-type: none"> • Light Quizlet • Sound Quizlet • Waves and Sound • Waves and Light • Light & Sound <p>Study Island: To access go to ClassLink, select the Study Island app Padlet: https://padlet.com/JGodfrey7/oxv58ksstncv41bf</p>
Help Session Hours:	Thursday, April 16 10 am-12 pm