

Waves Choice Board

Date Assigned: _____

Date Due: _____

A	B	C
<p style="text-align: center;"><u>Write a Story</u></p> <p>Pretend you are a wave. Detail the way your travel, the type of wave you are, and how humans perceive you. Your story needs to be a minimum of 5 paragraphs, with 5-7 sentences per paragraph.</p>	<p style="text-align: center;"><u>Comic Strip</u></p> <p>Draw a comic strip depicting a type of wave, the way it travels, and how it impacts humans on a daily basis. Your comic must be at least 6 panels and must have color. You may use words in addition to the comic but they are not required.</p>	<p style="text-align: center;"><u>Technology Review</u></p> <p>Create a Kahoot! to help others review the different waves and wave properties. Your Kahoot! must be at least 15 questions with 4 answer choices for each question. The class will participate in playing your Kahoot!</p>
<p style="text-align: center;"><u>Remix a Song</u></p> <p>Using 10 or more vocabulary words from this unit, remix a song about 1 of the following topics- wave properties, light waves, sound waves, electromagnetic waves. Vocabulary must be used in the correct context.</p>	<p style="text-align: center;"><u>Produce a Play</u></p> <p>Create a play showing how different waves interact with humans. Your play must have at least 2 characters and a script with at least 10 lines per character. Play will be performed in front of the class.</p>	<p style="text-align: center;"><u>Design a Children's Book</u></p> <p>Design a children's book (geared for Kindergarten to 2nd grade students) to explain the similarities and differences between light waves, sound waves, and electromagnetic spectrum waves, as well as, parts of the eye and ear.</p>
<p style="text-align: center;"><u>Demo</u></p> <p>Choose a material/medium to show/explain the relationship between pitch and length/size/shape of a vibrating object.</p>	<p style="text-align: center;"><u>Make a Model</u></p> <p>Research soundproofed rooms. Create a model with materials that would effectively soundproof. You will need to write a detailed description/explanation of your research and model, which you will present to the class.</p>	<p style="text-align: center;"><u>Experiment</u></p> <p>Using all the steps of the scientific method (including steps for safety), design an experiment that tests a problem dealing with the waves we've studied (light, sound, electromagnetic spectrum).</p>

You must select one task from each column (A,B,C). Write your 3 selections here:

A= _____

B= _____

C= _____

Rubric for Waves Choice Board

Project Element	Full Credit (5pts)	Partial Credit (3pts)	No Credit (1pt)	Total																								
Correct Science Content	<p>All of the science content found in the final product is used in correct context and is accurate.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">A</td><td style="width: 50px;"></td></tr> <tr><td style="text-align: center;">B</td><td></td></tr> <tr><td style="text-align: center;">C</td><td></td></tr> </table>	A		B		C		<p>Some of the science content found in the final product is used in correct context and is accurate.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">A</td><td style="width: 50px;"></td></tr> <tr><td style="text-align: center;">B</td><td></td></tr> <tr><td style="text-align: center;">C</td><td></td></tr> </table>	A		B		C		<p>Little to none of the science content found in the final product is used in correct context and is accurate.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">A</td><td style="width: 50px;"></td></tr> <tr><td style="text-align: center;">B</td><td></td></tr> <tr><td style="text-align: center;">C</td><td></td></tr> </table>	A		B		C		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">A</td><td style="width: 50px;"></td></tr> <tr><td style="text-align: center;">B</td><td></td></tr> <tr><td style="text-align: center;">C</td><td></td></tr> </table>	A		B		C	
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