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Suggested Implementation Guide for Sound Unit Grade 4

	Week 1	Week 2	Week 3
English Language Arts	Shared Reading of the book, “Let’s Find out about Sound” by David C. Knight. Followed by group discussion and think, pair, share.	Shared Reading of the book, Loud, Soft, High, Low by Jennifer Boothroyd. Followed by group discussion and think, pair, share.	Shared Reading of the book, Working with Sound by Ed Catherall. Followed by group discussion and think, pair, share.
Social Studies	Study the different ways that sound is made and used in our everyday lives.	Study various forms of communication with sound. We will learn about Sound and Mood.	Learn about the invention of the Telegraph and the inventors.
Math	Math activities and games using musical cues and counting for various math equations and story problems. Example. Multiply the number of times you hear the drums the first round, by the number of times you hear the drums on the second round. 12 drum beats times 4 drum beats. $12 \times 4 = 48$	Math Games and Activities such as Math Musical Chairs. (solve the math review problems at each chair that you end up in when the music goes off) We will also move into the making of musical instruments, including measurement and design to create music.	Math activities will be included with beats per measure, rhythm, movement counts with choreography and its connection to music.
Science	Science activities will include exploration of sound using string, pitch forks and various household items.	Exploration activities using rulers to create different level of vibration and how they change according to different variables..	Exploration activities creating telegraphs and looking at how it can be created. Also exploring the movement of communication and how it has changed according to different variables.
Music	Math activities and games using	Math Games and Activities such as	Math activities will be included with beats

	<p>musical cues and counting for various math equations and story problems. Example. Multiply the number of times you hear the drums the first round, by the number of times you hear the drums on the second round. 12 drum beats times 4 drum beats. $12 \times 4 = 48$</p>	<p>Math Musical Chairs. (solve the math review problems at each chair that you end up in when the music goes off)</p> <p>We will also move into the making of musical instruments, including measurement and design to create music.</p>	<p>per measure, rhythm, movement counts with choreography and its connection to music.</p>
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