**Harmonizing with STEAM Standards Design Challenge!**

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| Here are the criteria and constraints for the Design Challenge: | | | |
| **CRITERIA** | | **CONSTRAINTS** | |
| * **Your instrument must be able to play a simple song** * **Your instrument must create 3 or more distinct pitches** | | * **Use at least 5 different materials provided** * **Complete the challenge within 30 minutes.** | |
| **IDEATE PHASE**  Draw below your team’s design(s) ideas: | | | |
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| **PROTOTYPE, TEST, & ITERATE PHASES**  Draw below your team’s prototype design(s). Show any tests made to the design(s) and then show any iterations your team made to the design: | | | |
| **PROTOTYPE** | **TEST** | | **ITERATE** |
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**Our Final Design!**

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| Draw your final instrument below. Explain how it satisfies all criteria and constraints of the Design Challenge. |
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