

Name: _____

Rubric for Designing and Creat

	multiple unique ideas to design an instrument.
Design Sketch	Drawing has labels, no spelling errors and measurements.
Quality of Construction	The instrument is sturdy and neat. It is made of good materials and will be able to be used multiple times,
Test Results: High and Low Pitch	Instrument can be played for a full range of chords..
Test Results: High and Low Volume	Instrument can be heard clearly for high and low volumes.

Presentation	Student used all components required in the presentation.

Total Points: _____/24 points possible

Notes:

Date: _____

Designing a Musical Instrument

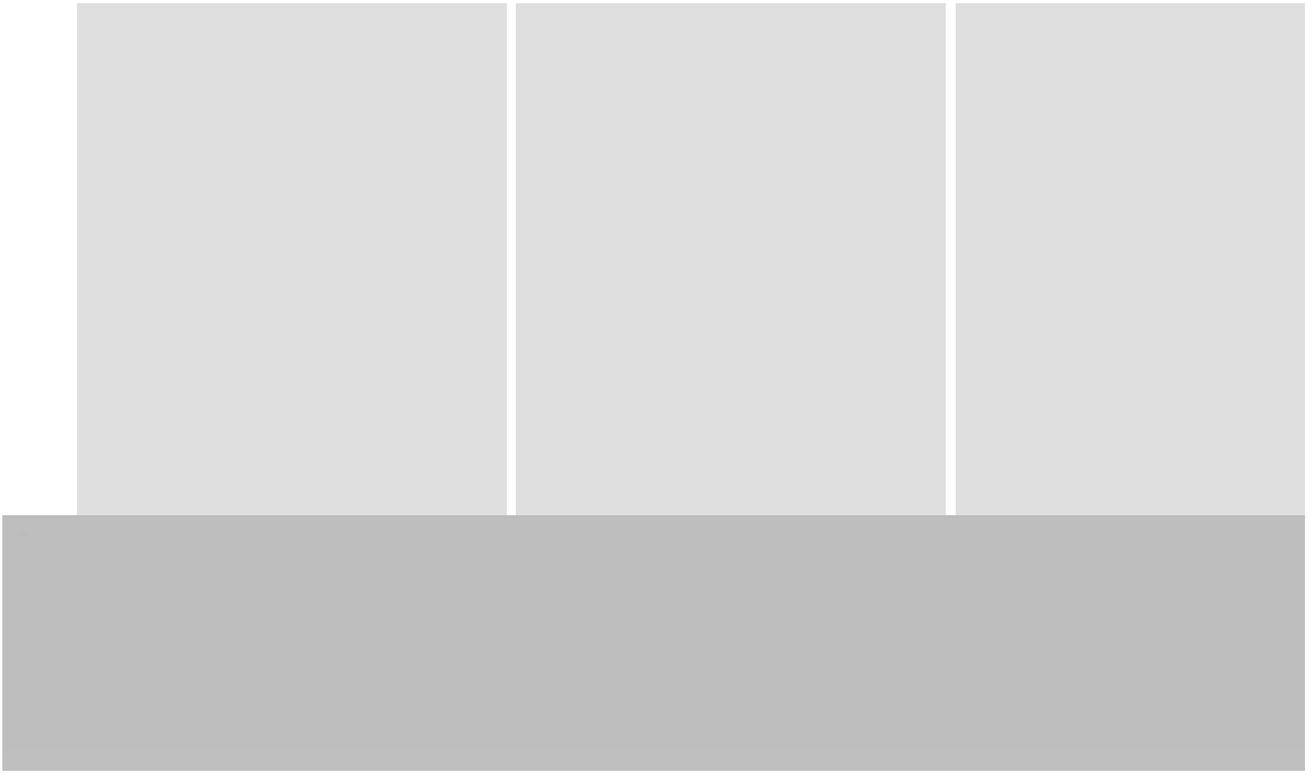
expressed their idea in a unique manner.	original but is based on an existing idea.
Drawing with labels and measurements.	Drawing with labels.
The instrument is sturdy and neat. It is made of presentable materials and can be played at least once.	The instrument is not sturdy and may fall apart while being used.
Instrument can play a high and a low pitch.	Instrument can play a high or low pitch.
Instrument can be played at high and low volumes.	Instrument can be played at either a high or low volumes.

Student used most components required in the presentation.	Student used one component required in the presentation.
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an existing plan and adds no new ideas.
Drawing only.
No instrument made,
Instruments does not make a sound.
Instruments does not make a sound.



No presentation.







PRESCRIPTION WAS GIVEN











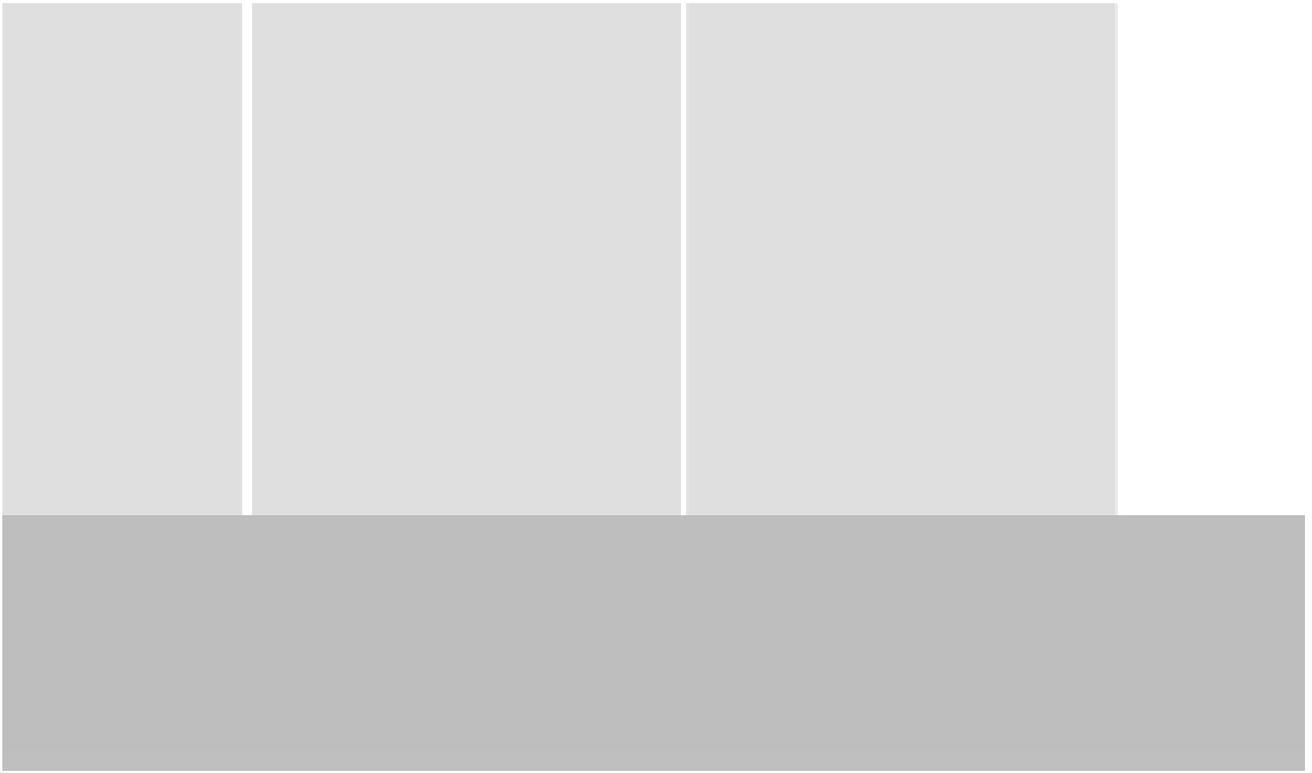


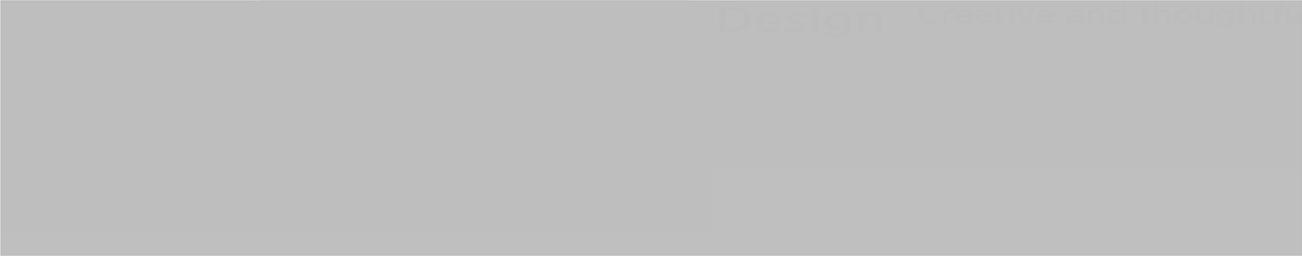
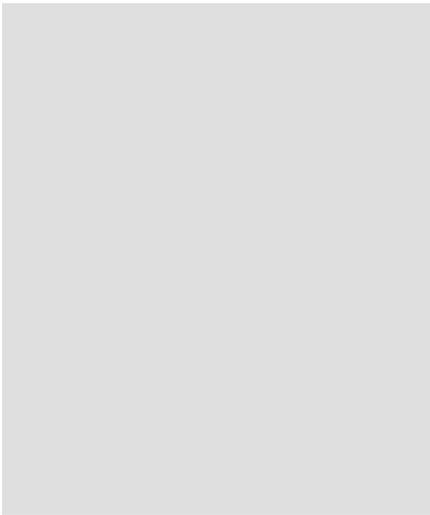


CONSIDERING THE STRUCTURE IS OPENING UP, THAT COULD BE SOME OF THE CONTENTS









Design Creative and Thoughtful







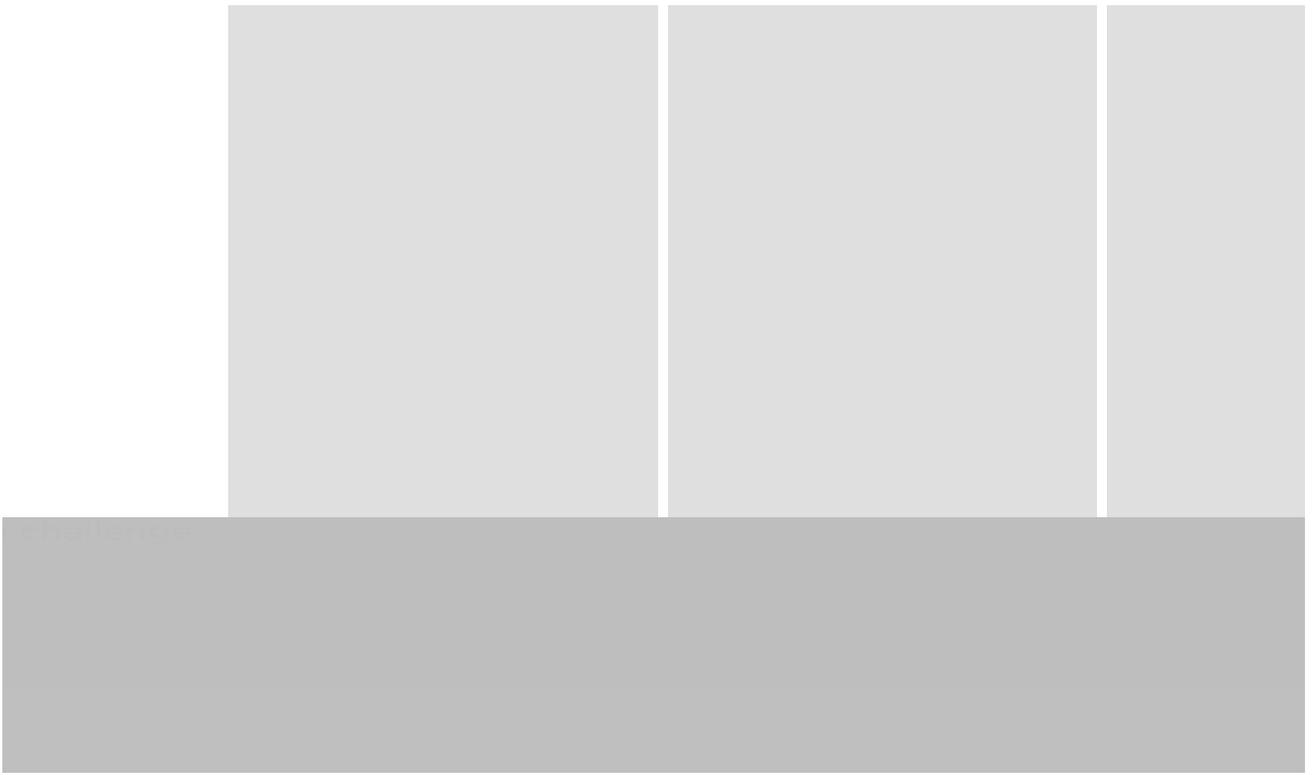






Time was spent planning and designing. The challenge: time was spent on









Creativity The project illustra

tes The project illustrates The project illustrates The project does not

imaginative problem imaginative proble in some imaginative clearly illustr

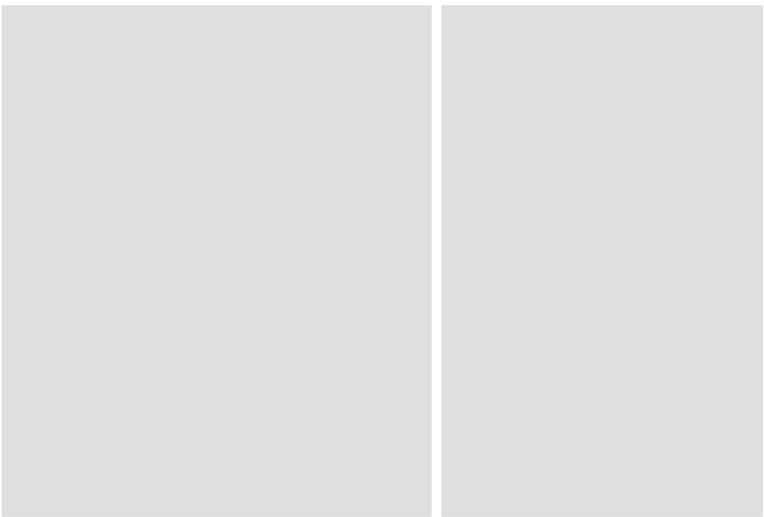
te solving. it is clear solving. Student(s) problem solving - imaginative p

problem - student (s) explored - project is explored and - Student(s) project is

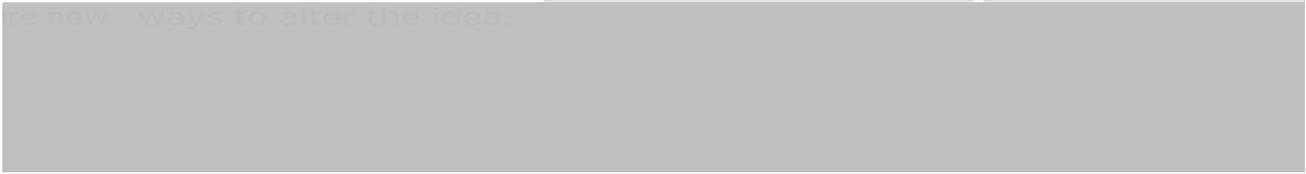
solving project , and expressed multiple expressed in a fairly original, but r

mostly - Student(s) follow a set - ideas in a unique way. - original way. - based on

ff an existing of d irectio ns to idea. complete a project, but did not expic



re new ways to alter the idea.







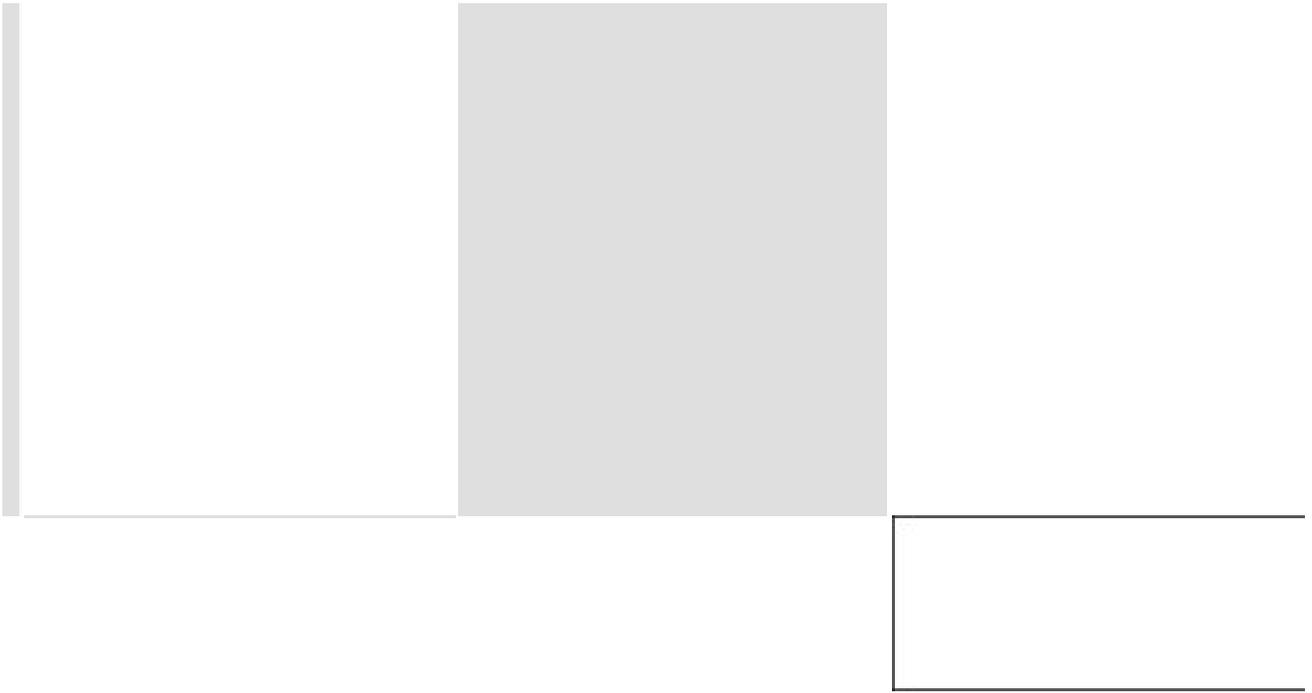
Presentation The presentation was Presentation was Presen

tation was given P resentation was well organized, creative organized anc

d but lacks creativity and unorganized and and represented final represente

ed final organization. More lacked focus. product. product but was not effort

it could have been very creative or given to the interesting. presentation.



Comments:

Total: _____ / 16 Engineering

g Design Rubric_Loughner

The Arts in STEM:

: Advancing Meaningful Integration