



Rubric for Designing and Building a Music Technology Lab
www.musictechteacher.com

Teacher Name: Ms. K. Garrett Student Name: _____				
CATEGORY	4 - Above Standards	3 - Meets Standards	2 - Approaches Standards	1 - Below Standards
Information Gathering	Accurate information was taken from several sources in a systematic manner.	Accurate information was taken from a couple of sources in a systematic manner.	Accurate information was taken from a couple of sources, but not in a systematic manner.	Information taken from 1 or fewer sources AND/OR information was not accurate.
Written Plan	Steps and materials were outlined in a fashion that could be followed by anyone without additional explanations. No teacher help was needed to accomplish this.	Steps and materials were outlined in a fashion that could be followed by anyone without additional explanations. Some teacher help was needed to accomplish this.	Steps and materials were outlined in a fashion but had 1-2 gaps that require explanation even after teacher feedback was given.	Plan was seriously incomplete or not sequential even after teacher feedback.
Construction Materials for Lab	Appropriate materials were selected and creatively modified in ways that made them even better for the purpose.	Appropriate materials were selected.	Most of the construction materials were appropriate, but 1-2 were not.	Construction materials were not appropriate for the purpose.
Design / Quality of Building	The Lab is implemented according to design, building plan and budget.	The Lab is implemented according to plans, within fair range of building, planning and budget. Some help was provided by the teacher.	1-2 items from the building, design, planning and budget were not as designed, or the quality of materials and planning had to be changed.	The building, design, planning and budget were not as designed, quality of materials was not acceptable and Lab was not able to be implemented as written.
Quality / Ease / Appropriate Use of Instruments, Software, Hardware and Books	Items chosen offer a wide dynamic of use of electronics and materials that work well with the computers and will benefit all students.	Items chosen offer some dynamic of use and are compatible with computers through some work with teacher helping with connections.	Items chosen are not as easy to connect to and work with computers, and are difficult for some students to understand or operate.	Items chosen do not work well with computers and have connection issues as well as being difficult for most students to learn to use.
Demonstration	Group or Presenter communicates clearly to demonstrate concept from research and design of the lab to finished product. The product (Lab) is accessible to all.	Group or Presenter communicates clearly to demonstrate concept from research and design of the lab to finished product. Most of the students could follow the presentation.	Group or Presenter is able to demonstrate some of the features of the Lab and how it could be built, but has a few areas in the design that need work or clarifying.	Group or Presenter is not able to demonstrate the research or process of building a lab and does not have enough work done to present the information.
Time And Effort	Class time was used wisely. Much time and effort went into planning, design, and construction. The student clearly worked at home as well as at school.	Class time was used wisely. Time and effort went into planning, design, and construction. Student could have put in more time and effort at home.	Class time was not always used wisely, but student clearly did some additional work at home.	Class time was not used wisely and the student put in no additional effort.

Journal / Log / Website	Journal provides a complete record of planning, construction, testing, modifications, reasons for modifications, and some reflection about the strategies used and the results which can be posted on the website.	Journal provides a complete record of planning, construction, testing, modifications and reasons for modifications. Materials can be posted on the website with some modifications by teacher.	Journal provides some information about planning, construction and modifications.	Journal provides little or no information about planning and construction.
Knowledge Gained	Student can accurately answer 5 questions posed by teacher or peer related to the research, budget and process of building the lab.	Student can accurately answer 3-4 questions posed by teacher or peer related to the research, budget and process of building the lab.	Student can accurately answer 1-2 questions posed by teacher or peer related to the research, budget and process of building the lab.	Student cannot accurately answer questions.
Testing / Modification / Will this Lab be Useful to Other Schools as a Model?	Clear evidence of testing and refinements based on data, musical principles or scientific principles. Other schools could use our Lab as a model.	Clear evidence of testing and refinements.	Some evidence of testing.	No testing or refinements.