

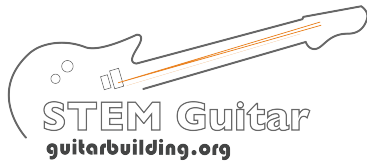


STEM GUITAR EVALUATION ROADMAP

STEM Guitar Evaluation-related Expectations from Teachers

At the STEM Guitar Institute
Completing the retrospective pre-post survey during the Institute
Become familiar with the QUIA quiz software
Developing the framework for developing the topics of the MLA (Modular Learning Activities)
Construct a playable instrument that passes the evaluation
Faculty Consent Form Signed

After the STEM Guitar institute		
What	How	When
Parent and student consent and assent Forms, including the student photo-release form.	Download from: guitarbuilding.org/consent-forms	Before start of school year
Completing pre-post teacher practices survey	Link will be delivered via email and will be posted guitarbuilding.org/institute	pre- at start of school year post in April of school year
Facilitating student completion of pre-post online surveys - Students will need assigned Project Student ID to complete this survey. <i>Note: It is imperative that you assign Project Student IDs. The Student Project IDs are generated using your Project Faculty ID then assigning an additional three digit code for each student, starting with 001. For example, if your Project Faculty ID is CA051501 then your Project Student IDs will be CA051501001, CA051501002, CA051501003...</i>	Link will be delivered via email and will be posted guitarbuilding.org/institute	pre- at start of school year post in April of school year
Developing at least two Modular Learning Activity (MLA) with a corresponding quiz and answer key to be posted on web portal.	Upload to: guitarbuilding.org/upload-your-activity	By mid School year and submitted through guitarbuilding website
Implementing two of the 12 Core STEM activities and administration of Quia quizzes	Download from: guitarbuilding.org/modular-learning-activities Quizzes distributed to	End of 1 st school year



STEM GUITAR EVALUATION ROADMAP

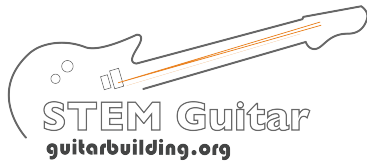
	students from Quia account	
Facilitate and participate in group feedback process regarding modular learning activity.	Via email, share your activity with at least two members of your institute cohort; record the collaborating cohort names in the activity template.	Ongoing – On guitarbuilding website Possible support activities include webinars or forums
Documenting dissemination and/or publicities or communications about the Guitar STEM project [pictures of student products, videos of project-related student activities, emails of feedback about the program, newspaper accounts, radio or TV exposure, features in magazines and other venues]	Upload to: guitarbuilding.org/upload-documentation	Ongoing
Future surveys for additional classes year 2, 3 of project	Links will be delivered via email and will be posted at guitarbuilding.org/institute	Ongoing

Consent Forms Roadmap

- 1) Teacher Consent Forms – Consent forms can be downloaded from the website at guitarbuilding.org/consent-forms. Project staff will download this and will request teachers to sign the hard copy of the form during the Institute before they take the online evaluation survey. The project staff will send all signed forms to Imelda at UC.
- 2) Parent and Student Consent form-
 - a. Facilitating the pre-post student online survey includes helping facilitate your school's sending the hard copies of Parent Consent Forms to be signed by parents of students younger than 18 years old, together with the school mailing at the start of the school year.
 - b. Students' assent and consent forms have to be signed by students at the start of the school year. The Assent Forms will be for students younger than 18 years old. The Consent Forms will have to be signed by students 18 years and older. The pdf files for these consent forms can be downloaded from guitarbuilding.org/consent-forms.

All signed Parent Consent Forms, Student Assent and consent Forms will have to be sent to the:

University of Cincinnati Evaluation Services Center
c/o Dr. Imelda Castaneda-Emenaker



STEM GUITAR EVALUATION ROADMAP

P.O. Box 0105
Cincinnati, OH 45221-0105

Additional expectations for the case study group:

The CASE study group will receive additional support for implementation in their classroom. (Ie: Access to tools for complete builds, discounted kits for students, additional technical support)

1. Openness to classroom observations (at start of school year and during implementation of MLA); interviews and/or focused discussion groups
2. Doing at least six reflective journals [after the Institute, before the development of the MLA, during the development of the MLA, vetting the MLA and/or joining the learning community via critiquing of fellow teachers' MLA, implementing the MLA, after MLA implementation]
3. Facilitation of availability of school administrator(s) for interview and/or focused discussion group
4. Facilitation of availability of students for interview and/or focused discussion group
5. Providing results of student standardized test results