

China | Hong Kong | USA

ITIE 2016

MAKERSPACES:

CREATIVITY IN THE LIBRARY

MAKERSPACES

DESIGN & CREATE CONTEST

Questionnaire:

Round 1



Deadline: June 27, 2016

Submit in PDF format through email to
itie2016contest@evergreeneducation.org



Questionnaire Round 1 - Self Evaluation

School Name: _____
Main Teacher Name: _____
EEF Contact: _____

X

Please complete the following questionnaire by placing a CROSS in the appropriate box

Basic Understanding of Makerspaces Answer by Team Leading Teacher	Knowledge and Understanding Level				
	None	Minimum	Basic	Good	Very Good
1. What is a makerspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. What is the maker movement?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Why makerspaces in libraries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Who are makers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. What are the different categories of makerspaces?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Have your school participated in any projects that involved creating and making? If yes, list out the project and give brief descriptions. If not, why not?



Knowledge and Understanding Level

Schools' Role in Makerspaces Answer by Team Leading Teacher	Knowledge and Understanding Level				
	None	Minimum	Basic	Good	Very Good
1. Why having a makerspace at your school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. How would a makerspace benefit the school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. How would a makerspace benefit the teachers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. How would a makerspace benefit the students?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. How can making fit into the education initiatives?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. How promo making within the school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. How to plan and build a makerspace at your school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. What is the school's role in hosting a makerspace on campus?

2. What is the Principal's role in developing, promoting, and supporting a makerspace on campus?



3. What is the Librarian’s role in developing, promoting, and supporting a makerspace on campus?

4. Will the school be willing to consider having a makerspace set up in the school after the ITIE contest?
Why or why not?

5. Is your school willing to support and encourage the ITIE 2016 Makerspace participant (both teachers and students)? If yes, concretely list out how the school will support the participant in terms of providing space, time release, monetary, tools, and mentor support. If not, explain why not.



Teachers' Role in Makerspaces

Each participating teacher must answer this part separately.

		Knowledge and Understanding Level				
Teacher Name: _____		None	Minimum	Basic	Good	Very Good
<input type="checkbox"/> I am the Lead Teacher in the Team						
1.	How would a teacher benefit from makerspaces?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	How would a student benefit from makerspaces?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	How to find resources on makerspace projects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	How implement a new makerspace project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	How to get students involve in making?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	How to ensure enough make time for projects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	How to collaborate within and outside of school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. What is the Teacher's role in developing, promoting, and supporting a makerspace on campus?

2. Will the teacher be willing to develop and manage a makerspace in the school after the ITIE contest?
Why or why not?



3. Will the teacher be willing to support and encourage the ITIE 2016 Makerspace participant? If yes, concretely list out how the teacher will support the participants in terms of finding space and tools, time management, resource and mentor support. If not, explain why not.

4. What do you like about making? Give an example from your past experience.

5. What did you make that made you most proud? Why?



6. Are there any concerns or difficulty you have come across regarding making? Why?

7. How do you see yourself as a maker? Why?

8. What do you wish the makerspace in your school can do for you and your peers?



Students' Role in Makerspaces

Each participating students must answer this part separately.

		Knowledge and Understanding Level				
		None	Minimum	Basic	Good	Very Good
Student Name: _____						
Grade: _____	Age: _____					
1.	What is a makerspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	What are makers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	How would a student benefit from makerspaces?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	How to find resources on makerspace projects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	How can makerspaces develop your knowledge?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. What is the Student's role in developing, promoting, and supporting a makerspace on campus?

2. Will the student be willing to assist in developing and managing a makerspace in the school after the ITIE contest? Why or why not?



3. Will the student be willing to fully engage in the ITIE 2016 Makerspace contest? If yes, concretely list out how the student will engage in the contest in terms of time management and team involvement. If not, explain why not.

4. What do you like about making? Give an example from your past experience.

5. What did you make that made you most proud? Why?



6. Are there any concerns or difficulty you have come across regarding making? Why?

7. How do you see yourself as a maker? Why?

8. What do you wish the makerspace in your school can do for you and your peers?



Free Response Questions:

Your vision about the making community, maker education, and makerspace in your school:

1. Through the following four questions, you will describe your vision of the maker community in your school, including the environment it relies on to thrive, various roles it serves, and the relationship between these roles.
 - a. Describe your understanding and vision of
 - i. Who do you think will be the makers in your school?
 - ii. What types of making will they do?
 - b. Describe your understanding and vision of
 - i. Who do you think should be the supporters of these makers?
 - ii. What kind of support each supporter is supposed to give?
 - c. Describe your understanding and vision of
 - i. Who will be the beneficiaries of these making projects?
 - ii. In what ways they will be benefited? ”
 - d. Describe your vision of the makerspace in your school.
 - i. What functions will your makerspace play in your making community?
 - ii. Do you think in time your makerspace will introduce new stakeholders? What are their contributions and/or benefits?
2. Illustrated by drawing, in one continuous picture or diagram (do not be confined by the size of the end product):
 - a. The makers and their types of making in your makerspace.
 - b. The supporters, and their contributions in your makerspace.
 - c. The beneficiaries and the benefits they will get through your makerspace.
 - d. Your team’s vision of your makerspace.

ITIE 2016 – Makerspace Contest

Understand . Learn . Design . Plan . Do



Please take the following as examples of what question #2 “illustrate by drawing” meant. Note that the content of these drawings are different from the free response questions.





