

EngageAsia

TAIWAN-US TEACHERS FELLOW PROGRAM 2018-2019 ACADEMIC YEAR



SEPTEMBER 2018

[Overview]

Building on its 2018 Taiwan Teacher Fellows Program, EngageAsia plans to conduct a 2019 program that will bring a small cohort of select Taiwanese teachers to the United States. The program aims to help deepen understanding between Taiwanese and American teachers as well as expose them to cutting-edge teaching methodologies designed to improve their classroom teaching.

Methodologically, the 2019 Taiwan-US teacher Fellows Program will focus on integrating art into science and technology through the methodology of project-based learning and Design Thinking. Through a program that will use New York City as a laboratory, participants will learn about the diverse culture of the city while also engaging in a deep understanding of the way in which art can be benefit and inform STEM related subjects.

Much has been proclaimed about the need for more STEM (Science, Technology, Engineering, and Math) related activities in our schools. The logic is simple: the wave of future economic prosperity lies in a workforce that is well-versed in rising job markets in these fields.

STEM's weakness, however, is that creativity and innovation are often missing and these skills are essential to the ability of students to apply their knowledge in real-life situations that benefit society. STEM alone does not foster the essential nutrients of creation and ingenuity, which can only happen through application of lessons learned.

By adding art into STEM subject matter, it allows students of science, technology, engineering and math to integrate ideas through the arts. This transforms STEM to STEAM to the next level: it allows students to connect their learning in these critical areas together with arts practices, elements, design principals, and standards to provide the whole pallet of learning at their disposal. STEAM removes limitations and replaces it with wonder, critique, inquiry, and innovation.

[2019 Taiwan-US Teacher Fellows Program]

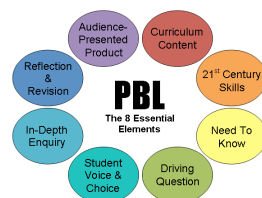
STEAM and Project-Based Learning in the 2019 Taiwan-US Teacher Fellows Program

The 2019 program consists of a cultural research “Melting Pot Project” as well as professional development “STEAM workshops” in New York City for approximately two weeks in the summer of 2019.

The American and Taiwanese teachers engaged in the Melting Pot Project will experience the project-based learning (PBL) method through pre-trip research program planning, during the trip, as well as via post-trip sessions and special workshops.

The teachers will create videos on their particular research projects and those videos will be edited by the teachers to create teaching material and implemented their experiences in their classroom.

For EngageAsia, we believe art is a way of thinking, a state of mind, and the way we plan to help teachers understand how art can link to STEM is through neuroscientific approaches. The teachers will create experimental STEAM curriculums based on their teaching subjects. Design Thinking methodology will lead teachers from pre-trip inquiry to post-trip implementation plans.



Cultural Research Program - “ Melting Pot Project “

The culture of New York City (NYC) is reflected in its size and ethnic diversity.

NYC could be described as the most or least American city - the largest city in the United States, spread out over 304 square miles with a population of more than 8 million people - it has an imaginable kind of “American” living all in the same place.

As former NYC Mayor Edward Koch put it: “Being a New Yorker is just simply a state of mind.”

The Melting Pot Project exposes the most unique city in the world and its cultural diversity to the teachers involved in the project.

The first week will be spent for engaging in research activities. Guiding them will be EngageAsia’s leaders and local experts.

Prior to the trip, teachers will work with EngageAsia and cultural experts / scholars to develop research plans by following PBL method.



PROCESS

[Pre-Trip preparation / planning]

1. The 6 teachers (3 American and 3 Taiwanese) are divided into 3 teams.
2. EngageAsia assigns each team different ethnic groups in New York City for research.

Latino (Dominican) African American Asian (Taiwanese)

Suggested research content;

- * History of ethnic group in NYC
- * Social issues
- * How to preserve cultural traditions
- * Education
- * Co-existence with other ethnic groups

[During Trip]

The teams visit ethnic communities in NYC to conduct research with local experts.

- * Latino (Dominican) in Washington Heights, NYC
- * African American in Harlem, NYC
- * Asian (Taiwanese) in Queens

Ex: Local Experts

- * Community Association of Progressive Dominican in Washington Heights
- * The African-American Institute in Harlem
- * Taiwanese American Association of NY

[Post-Trip]

The teams edit video footages to create teaching materials and implement their experiences in their classroom. EngageAsia provides an instructor for video editing workshop in Taiwan.



Professional Development Program - STEAM Workshops

The second week will be spent engaging teacher-participants in a two day STEAM workshop.

The participants will be required to conduct student interviews prior to the workshop and bring the results to the workshop for brainstorming.

**Participants : 3 Taiwanese teacher
3 ~ 5 American teachers**

DAY 1 : STEAM workshop 1 (9am ~ 5pm)

- * What is STEAM ?
- * How to approach STEAM
- * Inquiry session

DAY 2 : STEAM workshop 2 (9am ~ 5pm)

- * Brainstorming session
- * Implementation plan making



Taiwan-US Program Tentative Timeline

As of September 2018

[Teacher selection] : January 2019

[Orientation meeting] : Feb or March in Taipei 2019

[Program planning] : January ~ July 2019

[New York City Trip] : July ~ August 2019

	Lodging
DAY1 : Arrive JFK.	HTL
2 : Explore New York City	HTL
3 : Orientation meeting	HM
4 : Melting Pot Project	HM
5 : Melting Pot Project	HM
6 : Melting Pot project	HM
7 : AM : Review meeting PM : Free time	AHTL
8 : Melting Pot Project	AHTL
9 : Melting Pot Project	AHTL
10 : AM : Review meeting PM : Free time	AHTL
11 : STEAM workshop 1	AHTL
12 : STEAM workshop 2	AHTL
13 : AM & PM : Free time EV : Depart JFK	

* Lodging : HTL - Hotel HM - Home stay AHTL - Apartment hotel

