

UStemist - Team 11 「必有我師」

Evaluation

1. Teachers' feedback

- ◆ The team has **put effort** on how students could enjoy the STEM program.
- ◆ They have made **meaningful pedagogical decision** in their planning.
- ◆ Students were **enjoyed and stimulated**.
- ◆ The activity is **unique and precise**.

2. Professor's feedback

- ◆ It was amazing to see university students teaching STEM to high school students.
- ◆ There were apparently **no age or communication gap** between the “teachers” and the “students”.
- ◆ With **hands on activities and topics related to everyday life**, the project could **successfully engage student participants**.

3. Students' feedback

Students' responses (16 responses)	Average Marks (lowest:1, Highest: 5)
1. I can know more about what STEM is.	4.5625
2. I know more about the nutritional value of different food.	3.8125
3. I can develop a critical mind to analyze different cases.	4.25
4. I understand more about molecular gastronomy.	4.5
5. I can be motivated to learn more.	4.375
6. I enjoy the workshop.	4.5

Limitations and Difficulties Encountered

- Students with low motivation
- Limited workshop time
- Methods to raise students' interest
- Materials and apparatus for the lab session
- Lots of uncertainties before the workshop

Our Reflections.....

- Chance to serve, to learn and to thrive in the secondary school
- Reflect what STEM is
→ Student-centre, Hand-on experience, Creativity
- Be flexible, Be ready to change
- Reflect on teaching styles

Conclusion

Both workshops are successfully held and we may be invited by the other schools to hold the same workshops. Although there is still a room for improvement, we have already tried our best. STEM is not only about one or two workshops in school, but it is a kind of life attitudes. What we are doing is trying to instill a mindset of “think and do something impossible”.