

# GREAT EXPERIENCE in Hanoi

## Unit T

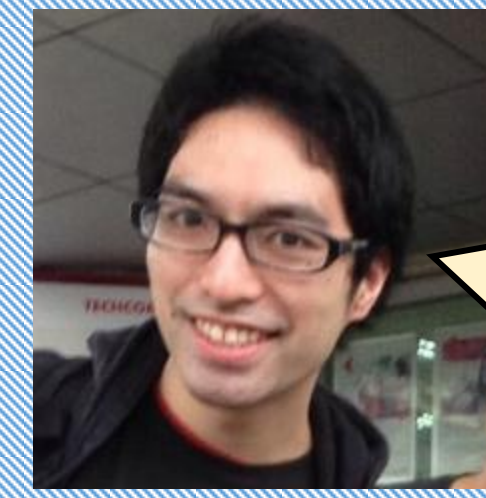
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yogo teacher  
Grade: 2



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Major: chemistry  
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### At first

Unit T was constituted in September 2014, and prepared for 6 months. In March 2015, we stayed in Hanoi about 2 weeks (3/2~3/14), and thanks to cooperation of *Vietnam National University (VNU)*, we had lessons twice in *Olympia School* and *Nguyen Tat Thanh (NTT) School*.



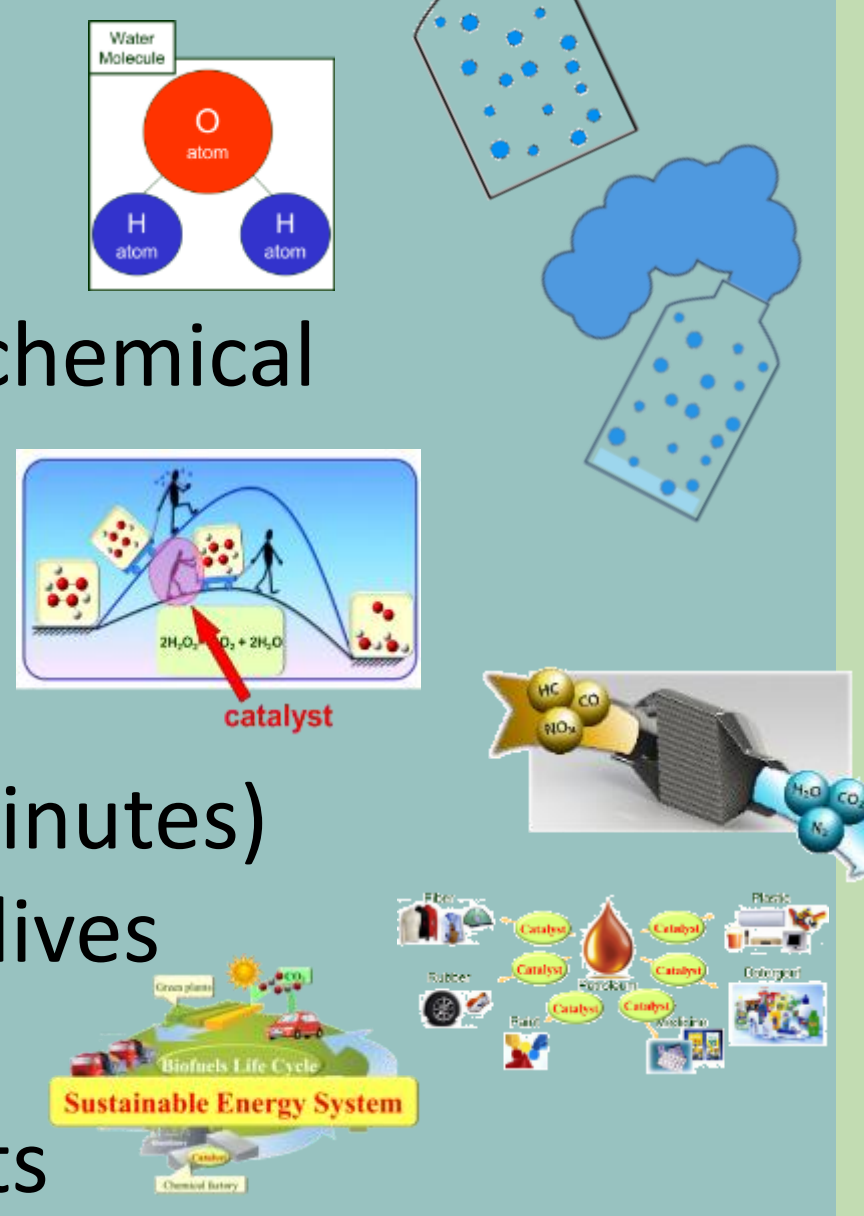
### Schedule

3/2 Tokyo→Hanoi	3/8 Sightseeing in Hanoi
3/3 Greeting, Discussing in VNU	3/9 Preparation for lessons
3/4 Preparation for lessons	3/10 lesson in NTT School
3/5 lesson in Olympia School	3/11 " (Unit P)
3/6 " (Unit P)	3/12 Preparation for Presentation
→visiting Japanese School	3/13 Final Presentation
3/7 Ha Long Bay tour	3/14 Hanoi→Tokyo

## Lesson ~Chemistry and Catalysts~

### Lesson Plan

- ① Introduction (15 minutes)  
-introduction of ourselves and Japan
- ② Basics of chemistry (10 minutes)  
-preparation for teaching about catalysts
- ③ Chemical experiment (30 minutes)  
-launching a rocket and making a ghost by chemical reaction to generate gas
- ④ What is a catalyst? (10 minutes)  
-explanation about a catalyst
- ⑤ How is catalysts work in our lives? (10 minutes)  
-explanation about 3 catalyst's work in our lives
- ⑥ Leading study (15 minutes)  
-explanation about leading study of catalysts



#### ■ 3/5 Olympia School (grade: 9)

The students are all very active and inquisitive. They seemed to be enjoying the experiments. But an accident that a liquid of the inside splashed happened because some of the students shook the bottle. Fortunately, the liquid was harmless. As a improvement, We added a warning to the slide with 'Don't shake the bottle'. Besides, Olympia school's teachers advised us to increase communication with students.

#### ■ 3/10 NTT School (grade: 11)

The students are so smart and studied hard in our class. And because of adding the warming, accidents doesn't happen. We could do experiments safely! We increased asking and more group works, so the students could maintain concentration.



## Hanoi

We could visit sooooo many places! Ex. Ha Long Bay, Thang Long Royal Citadel, Famous church in Hanoi, Ho Chi Minh Museum, etc... Vietnamese friends always go with us every time we visited somewhere. Moreover they guided us everywhere and introduced some nice restaurants in Hanoi.

In short, thanks to nice Vietnamese friend of ours, we could have a great time and have a lot of tasty foods in Hanoi! But finally, we cannot get used to going across the road because of many cars or motorbike and few traffic rights...haha



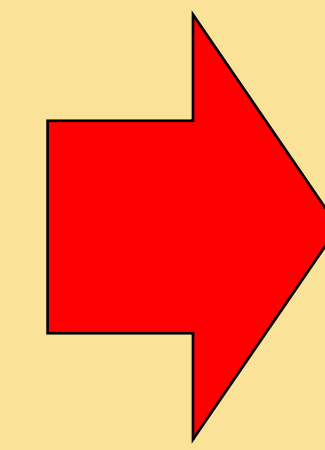
### STUDENT'S COMMENT

#### ● Before improvement

- There is only a few problems about English.
- Help me to understand a little bit more about chemistry.
- Short times I felt sleepy.

#### ● After improvement

- I could understand easily
- The experiments are interesting
- Come back again!
- You should improve speaking English



## Conclusion

### Results from lecture

Introduce about Japan  
Teach about chemistry and catalysts

we evaluate students' understanding objectively.

check test

comment and questionnaire sheet

we know students' subject evaluation.

Students could not only know about chemistry and catalysts well but also enjoyed our lecture, especially chemical experiments.

### Implications for future activities

Thorough TWINCLE program, we learned three important points.

- ① we should do more practice to improve our English skills.
- ② It is needed to do many things depending on the circumstances when we work abroad .
- ③ communicating with people who belong to different departments and people who live in other countries deepens our view though it sometimes has troubles.

We will keep these important points in our mind forever and make international exchanges more.