

# Adsorption

29<sup>th</sup> .Feb – 12<sup>th</sup> .Mar in VIETNAM NATIONAL UNIVERSITY, HANOI

At Foreign language school & the Olympia schools

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## Our objectives

- Students realize the adsorption phenomenon caused by Van der Waals force
- We use the appropriate words according to students' ability
- Students enjoy the lesson, especially for the experiment

## Contents of the lesson

### Introduction



We used examples which is familiar to Vietnamese and Japanese

We gave the question

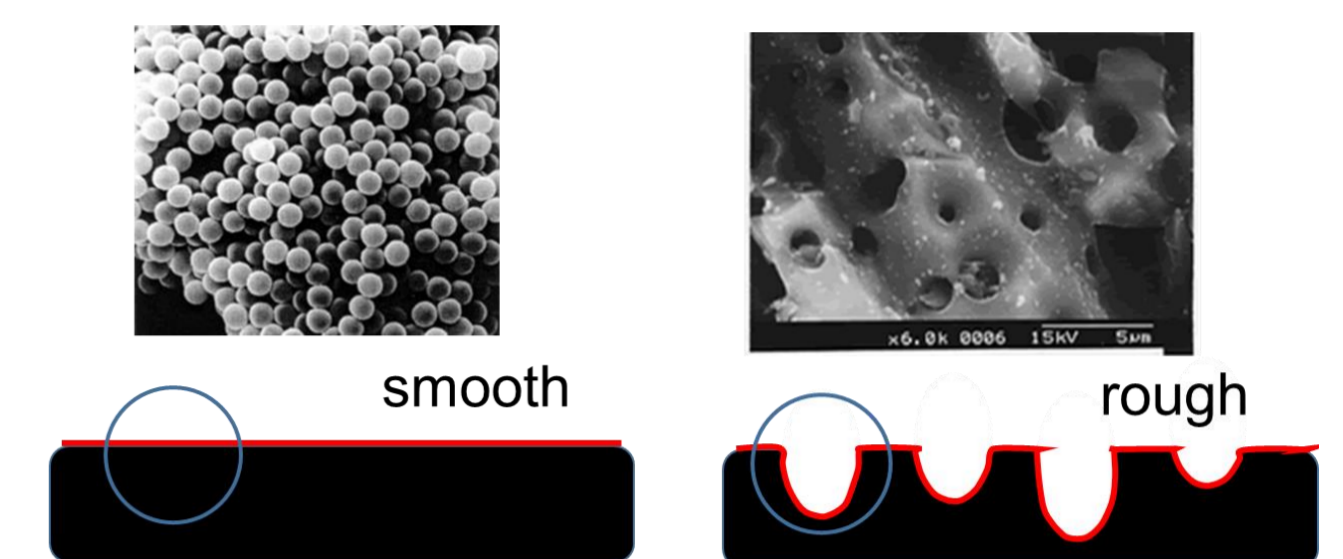
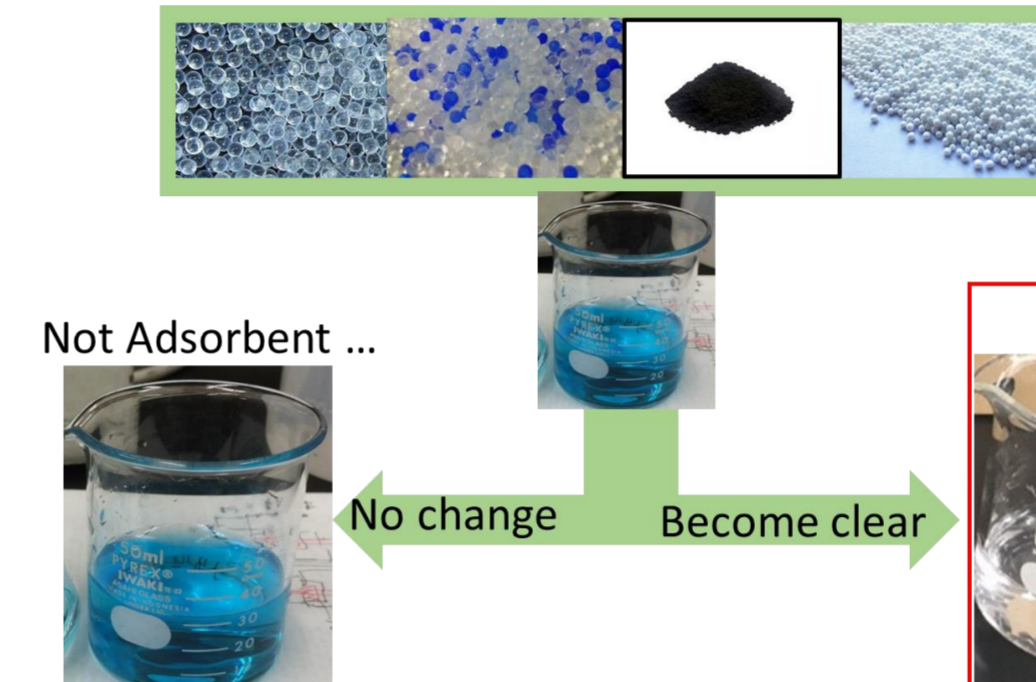
"Why the geckoes can attach to the walls?"

→ This is because of Van der Waals force

Students did the experiment to realize the adsorption phenomenon caused by Van der Waals force

### Experiment

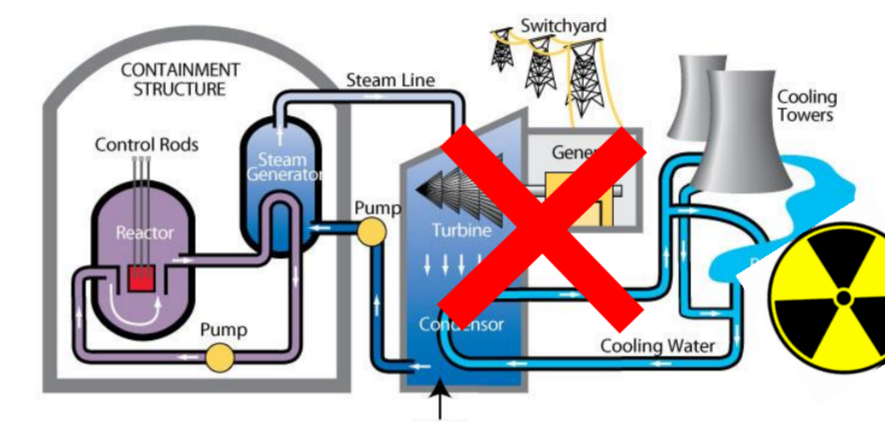
Students confirm whether the samples is adsorbent or not



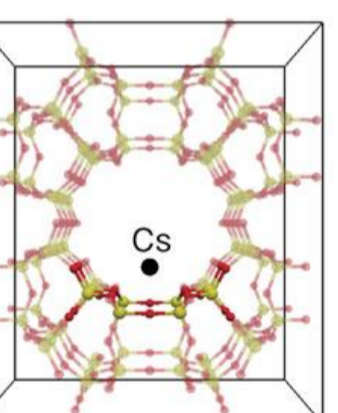
Students think why the difference occur

### Application

We introduced the example of the application using the adsorbent



Collecting the radioactive substance by using the adsorbent



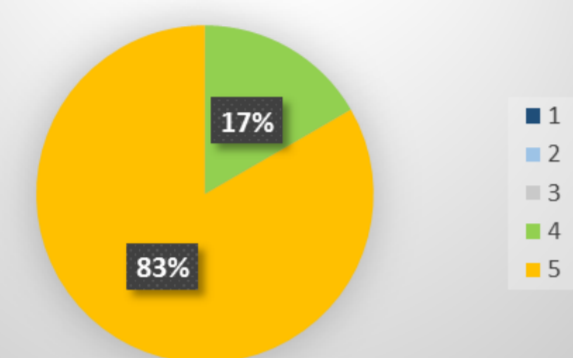
## Impression from students

Evaluation of our lesson by the students

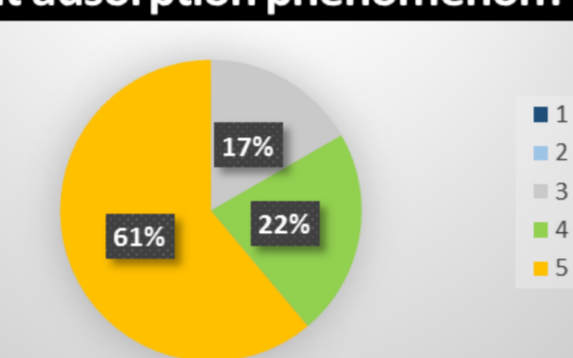
1:BAD

5:GOOD

Was our lesson interesting?

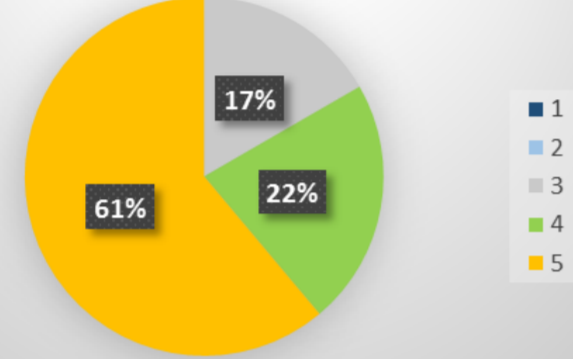


Did you deepen your knowledge about adsorption phenomenon?



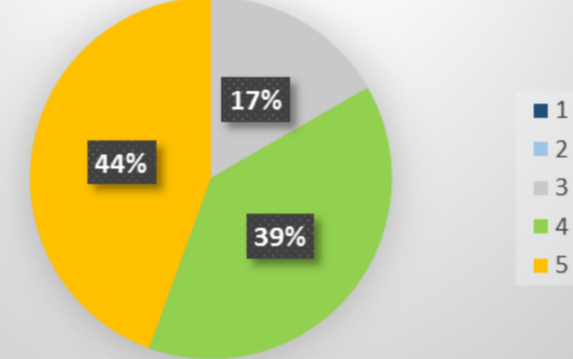
We achieved our objective that the students were interested in our lesson.

Was it easy to listen our English?

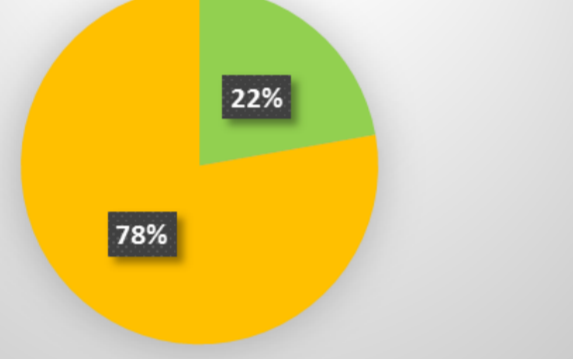


Our English pronunciation were bad.

How do you evaluate our Power Point slides?

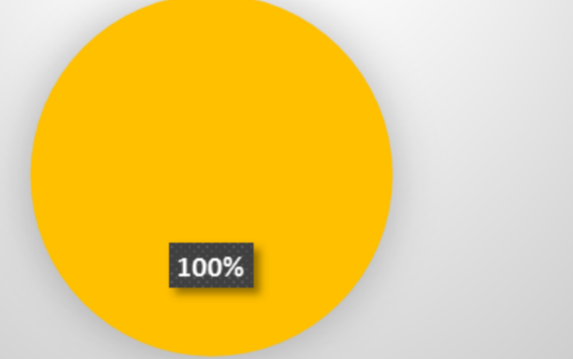


Did you enjoy the experiment?



Many students enjoyed the experiment.

Were teachers friendly?



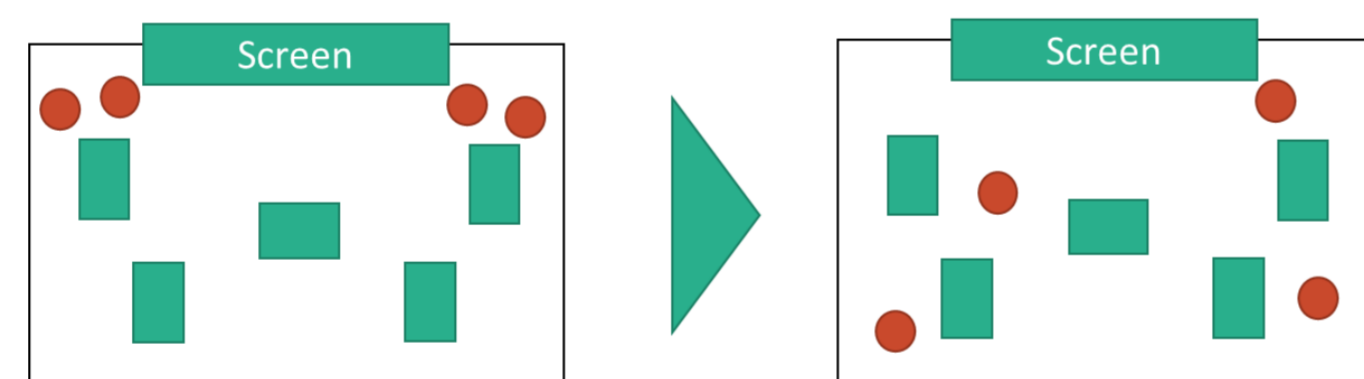
## Improvement

- We did the appropriate lecture so that students could succeed in the experiment

Because → It was first time for students to do experiment

- We paid attention to the back of the classroom

What we did → We changed the standing place



## Activity of the weekend, interchange with the local university student

### Ha Long Bay (5<sup>th</sup> .March)



On Saturday, we visited to the Ha long Bay with some local exchange students. We were impressed with the beauty of it very much.

### Old town (6<sup>th</sup> March)



On Sunday, We visited the old town of Hanoi. In Dong Xuan Market, We enjoyed shopping.

## Result through 12 days

- We were able to teach about our study in English.
- We were able to get a friendly relationship by communicating with foreign people in English.
- We try inexperienced things, then we got power to think carefully and put into practice based on the information.

## Task through 12 days

- We learned it is important to have a Positive posture In everything.

## Prospect

- We want to use English positively in our daily life.
- We want to become able to talk about our specialized field in English.
- We want to spread a Japanese techniques in the world.
- In the future , We want to work around the world.
- We want know the difference of the education level by the poverty and wealth in one country.