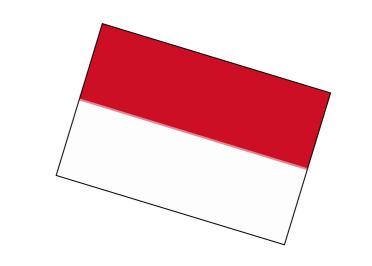


Our Exotic Adventure ~ 14 days of discovery ~



Member : Ai Nagaoka a, Takuya Sugita b, Tatsuya lida c, Mana Hamaguti a, Ryoji Miyake b

^a Faculty of Education / ^b Graduate School of Science / ^c Graduate School of Engineering

Outline of Our Stay

Date: 9/16 ~ 9/29.2013

Visited Place: Yogyakarta, Indonesia

- Faculty of Geography
- Gadjah Mada University (UGM)
- SMA Negeri 6 Jakarta (SMA N6)
- SMA Negeri 3 Jakarta (SMA N3)



<u>22</u> <u>21</u> 18 <u>20</u> Sightseeing **Science** NARITA >> **Presentation** Presentation **Culture** Sightseeing **YOGYAKARTA** Lecture (Culture) (Science) Lecture at UGM at SMA N6 at UGM at SMA N6 <u>28</u> <u>23</u> <u>25</u> 29 <u>24</u> <u> 26</u> 27 **Final Science** Culture Sightseeing Preparation YOGYAKARTA >> NARITA Presentation Lecture Lecture at SMA N3 at SMA N3 at UGM

Science Lecture "Water Purification Using Activated Carbon"

- Objection –
- 1. to raise student's interest toward water pollution problem.
- 2. to let students have a deeper understanding about water purification by activated carbon.
- Contents

Introduction

We talked about Batik (Indonesian traditional cloth) and Japanese KIMONO to explain dyeing and water pollution problem.

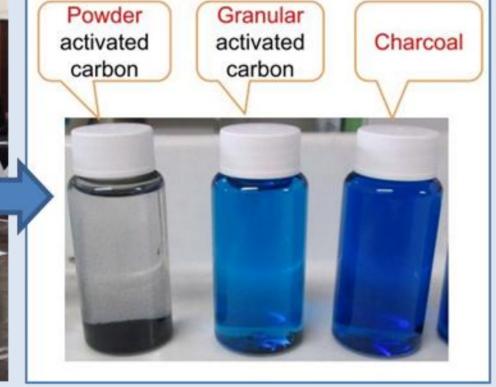


Experiment

We compared water purification ability of activated carbon (powder and granular type) and ordinary charcoal.

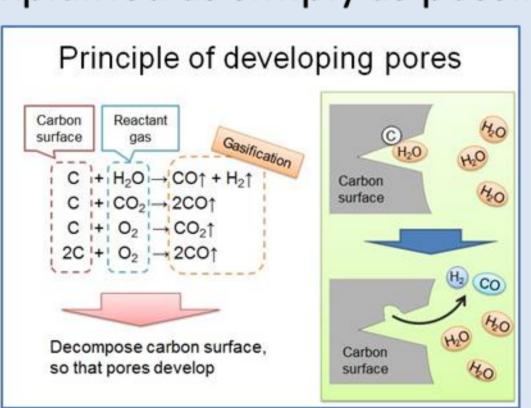




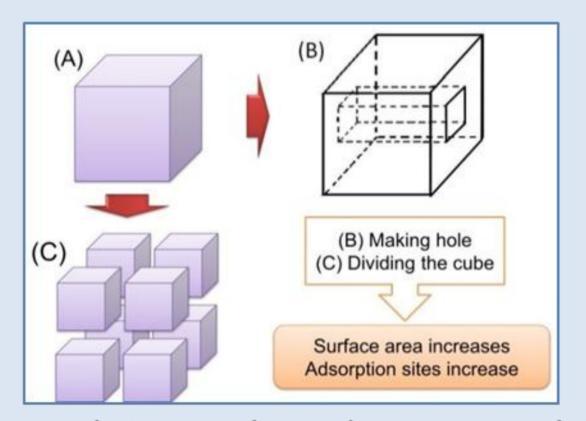


Consideration & Lecture

We explained as simply as possible.



using pictures to explain how the pores were made.



explaining the adsorption ability by using cube models.

Realization

Plus point

- Our hand-out was very favorable.
- Materials, for example our prezi and power point were also favorable.

Minus point

- Some English pronunciations and accents are not good.
- We couldn't evaluate the degree of difficulty, because we didn't know what students had already studied.

Sightseeing





Prambanan 9/21





Caving 9/22





Borobudur 9/27

Japanese Culture Lecture "SAMURAI"

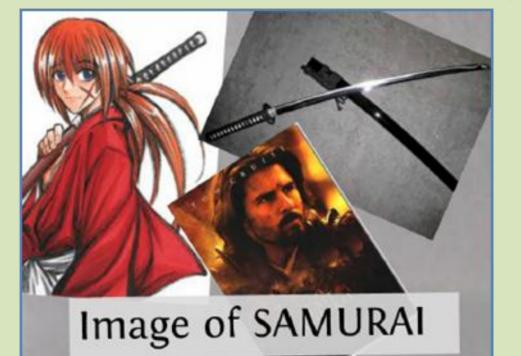
Objection

- 1. to let students learn about BUSHIDO which helps them to have a deeper understanding of SAMURAI.
- 2. to see how Japanese behavior changed from the aspect of BUSHIDO.
- 3. to feel BUSHIDO by playing SPORTS CHANBARA.

Contents

Introduction

At first, we introduced famous products about SAMURAI.



but...

忍

famous for unique appearance

great moral view point

Lecture

We explained BUSHIDO and talked about that in contemporary Japan from the example of the Great East Japan Earthquake.

Activity

We played SPORTS CHANBARA

Special rules

- 1. You can attack only the wrist (KOTE) and the body (DOU).
- 2. You have to say the name of body parts in loud voice when you attack.
- 3. You have to bow before and after the game.







Realization

Plus point

Activity was favorable and students enjoyed it.

Minus point

- Rules of SPORTS CHANBARA might be a little too difficult for students.
- ② Lecture part gave students less impression than activity part.

What We Felt in Indonesia



We gratefully acknowledge everyone who supported us through this program!!