

(For JSPS Fellow)

Form B-5

Date (日付)

12/06/2015 (Date/Month/Year: 日/月/年)

Activity Report -Science Dialogue Program-
(サイエンス・ダイアログ事業 実施報告書)

- Fellow's name (講師氏名): Quang-Duy Dao (ID No. P14051)

- Participating school (学校名): Hikone Higashi High School

- Date (実施日時): 10/06/2015 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) How to get solar energy

(in Japanese)

- Lecture summary (講演概要): Please summary your lecture 200-500 words.

My talk includes 3 parts as following:

1. Introduce myself and my country Vietnam: in this part, the general information of Vietnam, such as population, geography, history... have been introduced. Furthermore, I have shown them my favorite food, Pho. It is kinds of famous noodle in Vietnam. About the Vietnamese culture, the water puppetry have been introduced.
2. How to get Solar energy: Herein, pupils have learnt about solar energy. First of all, I have introduced how the solar energy move from sun to vegetable and mankind. After that the way to generate electrical energy using solar energy have been introduced. To help them basically understand about solar cell, some background of semiconductor, such as acceptor, donor, p-n junction... have discussed,. Finally, organic solar cell have introduced. I have also explained about the principle of solar cell and how solar cell can generate electricity after they absorb the light. Furthermore, organic solar cell have been compared with silicon solar cell to figure out why do we need to research on organic solar cell.
3. How does reseach work: I talked about my experiment and my life. Particularly, I have shown them how to make solar cell. Some photos about my experiment room have also shown.

- Language used (使用言語): English

- Lecture format (講演形式): Oral presentation

◆Lecture time (講演時間) 60 min (分), Q&A time (質疑応答時間) 30 min (分)

◆Lecture style(ex.: used projector, conducted experiments)

(講演方法 (例: プロジェクター使用による講演、実験・実習の有無など))

Projector, PC

◆Interpretation(ex.: assistance by accompanied person, provided Japanese explanation by

yourself) (通訳 (例: 同行者によるサポート、講師本人による日本語説明))

Assistance by accompanied person

◆Name and title of accompanied person (同行者 職・氏名)

Masanori Ozaki, Professor

◆Other noteworthy information (その他特筆すべき事項):

- Impressions and opinions from accompanied person (同行者の方から、本事業に対する意見・感想等がありましたら、お願いいたします。):