

Form B-5

Date (日付)

14 / 12 / 2012 (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): Chao, Hsu-Wen (ID No. P11412)

- Participating school (学校名): 静岡市立高校

- Date (実施日時): 14 / 12 / 2012 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): (in English) Science: exploring the possibility from your life

(in Japanese)

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

My presentation focused on some typical techniques and how do these techniques being generated in life science field. I will also introduce the science in our daily life, and how do scientists discover new techniques from their life. I showed them that science is to evaluate all kinds of thing in our life by logic observations, and repeatable experiments. Based on exploring the possibilities from our life, scientists figure out new techniques and uncover the mystery of our life. I told them nature is better, because science is looking to nature's successful designs for inspiration. I showed them how organisms adapt environment for surviving and how scientists duplicate the abilities of these organisms and change our life. I also showed them some typical techniques in the field of molecular and cellular biology, which have the huge effect on the development of life science. I told them how do scientists establish polymerase chain reaction, and how does green fluorescent protein be discovered. Furthermore, I also showed them how these discoveries influence and change our life. The purpose of my presentation is to tell students that we should pay more attention on our life, because big idea always from the small of our life.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 100 min (分), Q&A time (質疑応答時間) 20 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))

Only projector was used

◆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))

Interpreation was assiatanced by accompanied person

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

Master student, Chen, Yu-Lin

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

Please see form B6

- 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。)

This is a beautiful city and school which teachers have great passion in education, and students are aggressive in studying.