

(For JSPS Fellow)

Form B-5

Date (日付)

31/07/2017 (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): Paul Harvey (ID No. P-16805)

- Participating school (学校名): Senior High School at Komaba, University of Tsukuba

- Date (実施日時): 18/07/2017 (Date/Month/Year: 日/月/年)- Lecture title (講演題目): (in English) Scotland and Computing Science(in Japanese)

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

This lecture began with an overview of with the culture, language, and traditions of Scotland. This included a comparison with Japan, and highlighted some of the similarities and differences between the two countries and peoples. Then there was a discussion about computing science, what it is, what it means, and how it can be found all around. The students were encouraged to think about this in their own lives. There was an exercise around instructions which involved drawing a kite. The point of this was to highlight the difficulty in being precise in the instructions that you write. Then the students were expected to create their own instructions and try using a friend as a computer to execute them. I then talked about the career opportunities available by having the skills of a computer scientist. After this I explained my research via a simple example.

As this was the first exposure to Computing Science for the pupils, the teacher and I agreed that a general overview to the field was more appropriate and useful than an in-depth discussion of my current research field. I felt that the class went well, that the pupils enjoyed themselves, and gained meaningful awareness of computing science, and how it is ever present in our world.

- Language used (使用言語): English

- Lecture format (講演形式):

◆Lecture time (講演時間) 90 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))

Projector, exercise hand outs, Whiteboard, whiteboard marker, glossary of terms _____

◆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))

_____ The English teacher was present in the lecture _____

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

◆Other note worthy 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。):