

様式 A-1
(FY2023)

2023年 12月 18日

サイエンス・ダイアログ 実施報告書

1. 学校名・実施責任者氏名: 名古屋市立向陽高等学校 服部真味子(教諭)
2. 講師氏名: Dr. Seon-Hee KIM
3. 講義補助者氏名: なし
4. 実施日時: 2023年 12月 15日(金) 14:30 ~ 15:20
5. 参加生徒: 1年生 40人、 2年生 人、 3年生 人(合計 40人)
備考: (例:理数科の生徒) 国際科学(理数科)の生徒 36名、普通科の生徒 4名
6. 講義題目: Plants and people: Past, Present, and Future
7. 講義概要:
8. 講義形式:
対面 ・ オンライン (どちらか選択ください。)
 - 1) 講義時間 45分 質疑応答時間 5分
 - 2) 講義方法 (例:プロジェクター使用による講義、実験・実習の有無など)
プロジェクター使用による講義
 - 3) 事前学習
有 ・ 無 (どちらかに○をしてください。)
使用教材 講義内容の概要(講師の先生作成)を事前に配布
9. その他特筆すべき事項:
特記事項なし

Form B-2
(FY2023)
Must be typed

Date (日付)
18/12/23 (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): Seon-Hee Kim (ID No. P20385)

- Name and title of the accompanying person (講義補助者の職・氏名)
Department of Botany, Graduate School of Science, Kyoto University, Postdoctoral Researcher

- Participating school (学校名): Nagoya City Koyo Senior High School

- Date (実施日時): 15/12/2023 (Date/Month/Year: 日/月/年)

- Lecture title (講義題目): Plants and people: Past, Present, and Future

- Lecture format (講義形式):
 - ◆ Onsite ・ Online (Please choose one.)(対面 ・ オンライン)((どちらか選択ください。))
 - ◆ Lecture time (講義時間) 43 min (分), Q&A time (質疑応答時間) 15 min (分)
 - ◆ Lecture style (ex.: used projector, conducted experiments)
(講義方法 (例: プロジェクター使用による講義、実験・実習の有無など))
used projector

- Lecture summary (講義概要): Please summarize your lecture within 200-500 words.

During my lecture, I delved into two main topics. Firstly, I provided a comprehensive overview of South Korea, covering its location, landscape, history, economy, weather, and culture, including the Korean Alphabet, Korean cuisine, religion, and clothing. To aid high school students in understanding this neighboring country, each slide included proper pictures. I was attempting to give high school students a better understanding of the key features of South Korea by the end of this segment.

In the second part of the lecture, I introduced the fundamental concepts and applications of biology. I then proceeded to explain my research field, plant molecular phylogenetics, and how it is studied. I shared three case studies to illustrate what we can learn from this area of research and the benefits of studying plant phylogenetics. Finally, I concluded the presentation by exploring the reasons why we need to study plants and why it is essential to protect them.

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

During my presentation, I made an effort to use simple words on the slides, and when technical terminology was necessary, I wrote down Japanese words to help my professor better understand them. I noticed that most of the students were interested in science and were able to concentrate

well throughout the lecture. They also asked some good and interesting questions before the lecture ended.

- Impressions and comments from the accompanying person (講義補助者の方から、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。):

In my experience, high school students are highly motivated to learn science, and their teachers are kind and passionate about their work. They have the willingness to learn in various fields and are open-minded when it comes to education.