

Form B-2
(FY2022)
Must be typed

Date (日付)
01/10/2022 (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) : Sawaros Thanapornsanguth
(ID No. P21792)

- Name and title of the lecture assistant (講義補助者の職・氏名)
Yamada Tadahiro (English teacher at the school)

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

- Date (実施日時) 17/09/2022 (Date/Month/Year: 日/月/年)

- Lecture title (講義題目):

The science of how people learn

- 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) 90 min (分), Q&A time (質疑応答時間) 30 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.

The lecturer comes from Bangkok, Thailand and interested in how people learn. The lecturer is currently a research fellow at Tokyo Institute of Technology and a JSPS-UNU Postdoctoral Fellow at the United Nations University. She did her doctoral studies in New York City, USA. In this lecture she explain various learning theories. There are many theories of learning that we can subscribe to. Behaviorism believes that knowledge is the association between Stimulus and Response. Learning is a change in observable human behavior. However, behaviorism ignores the thinking mind and learners' free will and feelings. Next, Information Processing believes that the human mind is like a computer. Information Processing leads to learning methods such as lecturing and textbooks. Finally, constructivism is a learning theory that promotes active learning and allows learners free will and agency. There are no good or bad learning theories. It highly depends on the content and the context of learning. What is important is the "purpose" of learning. Sustainable Development Goal is a challenge-based approach to purposeful learning. Students could use the Sustainable Development Goals to start their own personally and socially meaningful project.

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

- Impressions and comments from the lecture assistant (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。):

Overall he thinks that "I'm glad the students were mostly satisfied." He also photocopy students' feedback for me. One student, "Ishikawa" said, "It was easy for me to listen to your English, and it was enjoyable! In the last part, my question was too difficult, but you tried to answer it. It was thankful. I haven't thought about "my purpose of learning", so I want to consider it deeply. Thank you for today's lecture!" Another student wrote, "Thank you for your teaching today. I'm very impressed in your opinion of education, I want to visit Thailand someday and learn about living of people in Thailand."