

Form B-2
(FY2020)
Must be typed

Date (日付)
22/12/2020 (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): Yang Fang (ID No. P19383)

- Name and title of the accompanying person (講義補助者の職・氏名)

- Participating school (学校名): Hyogo Prefectural Kawanishi-Midoridai Senior High School

- Date (実施日時): 16/12/2020 (Date/Month/Year: 日/月/年)

- Lecture title (講義題目):
How our brain deal with depth

- Lecture format (講義形式):

◆Lecture time (講義時間) 45 min (分), Q&A time (質疑応答時間) 20 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))

Use projector and 3D glasses to show 3D images

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

My lecture is about my research which is focused on binocular depth processing in our visual system. My ppt file showed how our eyes and brain detect and gather disparity information from visual field to build a vivid 3D perception.

My talk has three parts: first, I introduce the definition of depth, the function of depth, and how we judge depth; Second, I use 3D glasses, and stimulate and present depth visual information on flat display to show students what is binocular depth, and its visual effect in real life. I also use simple figures and words to illustrate the basic mechanism of binocular depth. In the last part, I introduced several research achievements about binocular depth in my research group, and showed the research prospects.

In Q @A part, I answered some questions about my research. I also learned their school culture from students.

I really enjoyed and learned much from this lecture. I think it's a good communicate chance for both I and the high school students.

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※弊会記入欄

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

Based on current situation of COVID-19. It's very important to keep a safe protection, especially on the way to high school. Maybe online lecture is a better solution.

- 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。):