

(For JSPS Fellow)

Form B-2
(FY2018)

Date (日付)
25/12/2018 (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): Aaron Kay Yam Chan (ID No. P17019)

- Participating school (学校名): Okazaki High School

- Date (実施日時): 14/12/2018 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): Triangulations of polygons

- Name and title of your accompanying person (講義補助者 職・氏名)
NONE

- Lecture format (講演形式):

◆Lecture time (講演時間) ~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

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

(0) Self-introduction + Q&A

(1) Definition of triangulations of polygons

(2) Group discussion: find all triangulations of a pentagon and hexagon

(3) Explain the goal of the session: how (and why we can) systematically find all triangulations of a polygon

(4) Group discussion: find an algorithm to go from any triangulation of a hexagon (or heptagon, or octagon) to a particular triangulation (called fan triangulation)

(5) Explain the answer and its reasoning

(6) Q&A

- Overall advice or comments to future participants in the program (今後の講師へのアドバイス):

It is important to realise that your own research is possibly way too difficult to be understood by a high school students. Thus, one really needs to consider which subset of your own research (or even related material) would be interesting for them.

Always remember to use simple English, both on the slides as well as in the actual talk. In particular, always keep your sentences short.

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

I did not bring any assistant with me. This is actually requested by the organiser of the school. The students did manage to communicate with me without any problem.

- 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。)