

(For JSPS Fellow)

Form B-2
(FY2018)

Date (日付)
14/06/2018 (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): MOJIRI AMIN (ID No. P17375)

- Participating school (学校名): Hiroshima Kokutaiji High School

- Date (実施日時): 01/06/2018 (Date/Month/Year: 日/月/年)

- Lecture title (講演題目): Learning about Environmental Pollution

- Name and title of your accompanying person (講義補助者 職・氏名)
Mr. Ryohei Shiraishi

- Lecture format (講演形式):

◆Lecture time (講演時間) 100 min (分), Q&A time (質疑応答時間) 10 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))

Using Projector, Computers and PowerPoint slides

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

For taking care of our bodies, we eat well, exercise and make sure to get adequate sleep. That's our internal environment. The environment that surrounds us "the air, soil, water and ecosystems" is similarly vital for our health and the health and well-being of others. We obtain everything from the world, every day. Water, animals, plants, air are all essential to our everyday lives. Thus, why don't we take better care of the place where we live? Earth is our home. You never leave garbage all over your house or raze it without planning to rebuild it. So, why should people treat the earth that way, principally when other animals and plants live on it, too? So we try to explain environmental pollutions and ways to treat our environment better!

Environmental pollutions have been categorized in five principal types including; (1) air pollution; (2) water pollution; (3) land or soil pollution, (4) noise pollution and (5) radio active pollution!

(1) Air contamination is a combination of solid particles and gases in the air. Car emissions, dust, chemicals from factories, pollen and mold spores may be suspended as particles. Ozone, a gas, is a main part of air contamination in cities. When ozone forms air pollution, it's also called smog.

(2) Noise pollution, annoying or excessive sound that can have harmful impacts on human health and environmental quality. World Health Organization stated that "Noise must be recognized as a major threat to human well- being

(3) Water Pollution can be defined as alteration in physical, chemical, or biological characteristics of water through natural or human activities and making it unsuitable for its designated use.

(4) Land pollution is the demolition of Earth's land surfaces often caused by human activities and their misuse of land resources. It occurs when waste is not disposed properly.

(5) Radioactive pollution is highly dangerous, and is a matter of serious concern in the present-day nuclear scenario.

Finally, we discuss about waste management. Waste (also known as rubbish, trash, refuse, garbage, junk) is any unwanted or useless materials. Waste Management is collection, transport, processing, recycling of disposal of waste material.

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

Lecturers should try to attract students attention with involving them with topic. Speaking slowly and asking some questions during your lecture.

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

Students watched some clips and animations about environmental issues.

- 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。)