

様式 A-1  
(FY2022)

2022 年 6 月 15 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: 浦和明の星女子中学・高等学校 高野栄治
2. 講師氏名: Dr Sadhana Shrestha
3. 講義補助者氏名: なし
4. 実施日時: 2022 年 6 月 11 日 (土) 10:00 ~ 12:00
5. 参加生徒: 1 年生 6 人、 2 年生 16 人、 3 年生 29 人 (合計 51 人)  
備考: (例: 理数科の生徒) 希望者
6. 講義題目: 『Water quality and its impact on human health』
7. 講義概要: Among the different environmental issues that developing countries are facing, poor water quality is the much significant problem that has direct impact on human health. Nepal is a developing country situated between China and India in South Asia. Although it is rich in water resources such as lakes, rivers, water falls etc., the problem of water is rising especially in city area. City areas in the country are urbanizing haphazardly and population is growing continuously. On the other hand, the water resources are limited which resulted into scanty water and poor-quality water available for the citizens. People here suffer from water scarcity and from different disease conditions produced by poor-quality of water. Poor-quality of water means that the water contains harmful micro-organisms and chemical that it is not fit for drinking as well as for household purposes such as cooking, washing etc. When water is contaminated with harmful micro-organisms, upon drinking and using that poor-quality water, people suffer from different diseases especially from diarrhoeal disease. Diarrhoeal disease is the second leading cause of death in children under five years old and was responsible for the deaths of 370,000 children in 2019 worldwide. Every year diarrhoeal disease kills 525,000 children under five years of age all over the world. Researchers all over the world are doing different kinds of research works in examining the water quality of a given area and identifying the causes that led to the contamination of water resources. Such results have proved to be helpful in preventing the contamination of water resources and eventually preventing diarrhoeal disease.
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 90 分 質疑応答時間 30 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

SD

※弊会記入欄

3) 事前学習

有 ・ 無 (どちらか選択ください。)

使用教材 講師の先生よりいただいた資料

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9. その他特筆すべき事項:

特になし。