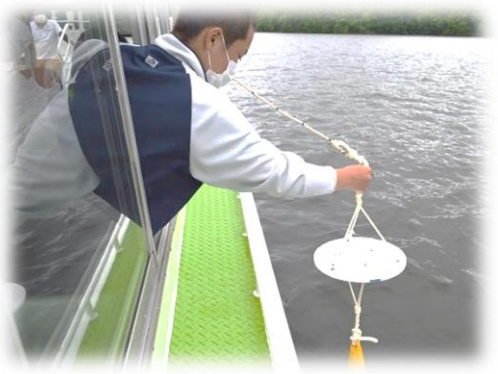


SSH Onuma Environmental Research

1st grade students visited Onuma Quasi-national Park from June 23rd to 25th. They had a field excursion around Onuma and researched its environment. Students experienced the 4 courses below.

【Onuma pleasure boat course】

Students rode a boat and went to the deepest part of Onuma. They let down a bucket with rope and took a sample of the water. They then measured the water temperature and its pH. They also observe the pond's transparency with a transparency meter and caught plankton with plankton net.



【Vegetation research course】

Students learned about Onuma's vegetation with Ministry of Environment national park instructor, Mr Kanawasa. He told them about Onuma's plants, animals and geography. Students took a bus and went around Onuma and Konuma.



【Biogas plant course】

Students visited Ene-coop Biomass Plants Inc. The chief, Mr. Ichinohe explained how to generate electricity from organic matter such as waste food. Students saw the facilities learned about their mechanisms.



【Sampling river water course】

Students took samples from 3 rivers flowing in Onuma and measured their transparency. They let down buckets from a bridge and measured the water temperature, pH and transparency.



After they came back to school they measured Onuma's nutrient concentration and COD using the sample water. They also tried the odor measurement method by olfaction and they heated the water sample.