

”Outdoor learning text of Toya Caldera and Usu Volcano Global Geopark” which deepen the learning of the student

YOKOYAMA, Hikaru^{1*} ; TAKEKAWA, Masato² ; NAKAYA, Asami² ; KAGAYA, Nire²

¹Hokusho university, ²Toya Caldera and Usu Volcano Global Geopark

Toya Caldera and Usu Volcano Global Geopark is the area that can learn easily ”the activity of the volcano”, ”Remains of the structure of the disaster”, and ”the history of humans living closely together with an volcano”. Therefore students more than 20,000 come as a learning trip every year and perform outdoor learning. And elementary schools, junior high schools and high schools of the whole country use this Geopark as materials of science and social studies and general learning. In addition, there are some guide groups in this area, and the school uses those guides, or teacher guides to own school. However, there were some problems until now. For example, the content of the guidance was different each time and it did not accept the request from a school enough.

So we made texts and learning programs for outdoor learning along the curriculum of the school. These contents are shown on Web site, and every school can use these free. Every school can choose the text depending on a purpose and use it free. In addition, we communicated these contents to the guide groups. And they will guide along these texts if the school request to use this text.

Now, there are three kinds of text ”Let’s feel a change of the earth at Mt. Usu (for elementary school)”, ”Let’s feel the wisdom of ancients that they got from Nature (for elementary school)”, and ”Let’s study plant succession of the forest at Mt. Usu (for junior high school and high school)”.Furthermore, we are planning making of the text” Let’s guess the activity of the volcano from changes of the ground at Mt. Usu”. Each text deepens learning by feeling it from observation of nature.

In this speech, we will introduce much learning contents written in these texts. And we will introduce how to use these texts and how to associate with guide groups. We wish every school come to Toya Caldera and Usu Volcano Global Geopark by school trip. And we wish these texts deepen the learning of every students.

Keywords: school trip, outdoor learning text, educational curriculum