

Let's make Shikaribetsu lake by yourself: geopark lecture in Shikaoi elementary school

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The lecture of the Shikaribetsu lake was performed to a total of 183 children of the Shikaoi elementary school and other schools in the Shikaoi-cho geopark concept area.

The central resources of the Shikaoi geopark concept is the Shikaribetsu lake which is dammed up by lava domes. Geographical feature of the valley was made from papier-mache. Lava domes was made from the dentistry impression material. Then water is poured into the depression by valley and the domes.

The lecturer first outlines the magma and the volcano.

Next, formation process of the Shikaribetsu lake is explained briefly, and then an experiment is started.

About 5 minutes were used to fill up the questionnaire sheet.

The three questions were set up in order to obtain degree of comprehension about the contents of the lecture.

The next three questions are for knowing intelligibility, pleasure of the lecture, and the intelligibility of the formation Process of the Shikaribetsu lake, respectively. And the last question is a comment.

Question, Do you understand the lecture?: over 90 percent of children answered "I understand the lecture" or "I understand the lecture very well"

Question, Was the lecture pleasant?: 80 percent or more of the children has answered that It was very pleasant.

Question, Do you understand how the Shikaribetsu lake was formed? : 45 percent for the fourth grade children answered that they understood the lecture very well. For the 5th and 6th grade children, it was about 70 percent.