

## Elementary School Education of Disaster-Prevention for Hokkaido-Komagatake Volcano

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We did an elementary school education of disaster-prevention for Hokkaido-Komagatake volcano at Shikabe elementary school in 2006. Hokkaido-Komagatake, very active volcano known of 4 big eruptions in these 400 years and recent small eruptions in 1996, 1998 and 2000. We aimed children who live in this area a long time in future learn about volcanic activity and disaster, and we hope they promote their understandings.

We know some cases a researcher or officer of disaster prevention lectures for children. But this case was that the teacher of elementary school taught for their children about volcanic activity, history of eruption and disaster prevention under cooperation of conference of disaster prevention for Hokkaido-Komagatake volcano, Shikabe town, Sapporo district meteorological observatory and Hakodate marine observatory. In addition, one of mainly characteristic of this education was not only teacher teaches but children made subjects themselves to learn and presented their results.

20 hours in integrated studies were used for fifth grader. The outline is as follows.

- 1.Field trip around Hokkaido-Komagatake volcano for elementary school teachers.
- 2.Making supplementary readers and teacher's guidance papers.
- 3.Learning about summary of eruption and disaster prevention.
- 4.Visiting in remains and town office.
- 5.Research own subjects and making a presentation.
- 6.Having a ten group's presentation in front of their parents.
- 7.Question session to volcanologist (Dr.Yoshimoto, Earth and Planetary Sci., Hokkaido Univ.)
- 8.Kitchen experiment for teaching volcanic eruption.
- 9.Studying blessing from volcano.

As a result of questionnaire at the time of finishing this education, some children felt no more lessons about volcano. But most of children were interested in this education and we think we succeed in our attempt on first step. The followings are examined as a problem.

- 1.Ways to maintain children's motivation of disaster prevention, who had been lectured, with increasing a chance such as seeing volcano or volcanic information.
- 2.Ways to continuoue school education of disaster prevention for schools which had been practiced, without heavy load.
- 3.Ways of solving a problem of decrease a cooperation to related organization, with increase numbers of an object of school education.
- 4.Ways to introduce school education for another area.

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