

Dagik Earth, a 3-D display of the Earth, in school

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We developed educational programs for the earth and planetary science using a three-dimensional presentation system of the Earth and planets with a spherical screen. The system is called, Dagik Earth. It has been used in classrooms of elementary schools, junior high schools and high schools. Current status and future development of the project will be introduced in the presentation.

Keywords: Digital globe, Science, 3-D

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Room:202

Time:May 19 11:15-11:30

Astronomy education in the Annular Eclipse at FurukawaReimei

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Efforts to report the eclipse of May 21. Cooperation with the local community. Assistance to the affected areas.

Keywords: Astronomy Education, Annular Solar Eclipse, Community, SupportIng devastated areas, Super Science HighSchool, Miyagi Prefectural FurukawaReimei J&SHS

The student's present understanding and problem toward the disaster prevention in Tokachidake volcano

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We conducted a disaster prevention educational activities and made a questionnaire investigation to students in elementary school and junior high school located at the foot of Tokachidake volcano.

In this presentation, we will report the current status and issues from the results obtained.

Keywords: Volcano, Tokachidake, Disaster Education

Changes and issues of Earth and Planetary Science as seen in the new the Lower Secondary "Science" Textbook

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The junior high school "science" came into full effect beginning in the 2012 fiscal year.

It seems that the textbook has on increased number of pages and is rich in substantial contents owing to the increase in course load.

However, in the study by the new national curricula standards, the goal and contents composition have changed and the degree of fullness of the contents cannot be judged only by the increase in the number of class hours.

The current situation and the issue of earth planetary science are explored from the descriptive content of a textbook.

Keywords: national curricula standerds, textbook, junior high school, science, earth and planetary education