

An attempt to construct a new guidance book of geoscience experiments for non-geoscience teachers at high schools

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Due to the revised Japanese standard curriculum of high schools for the next term, more high school students must take three science subjects from Physics, Chemistry, Biology and Geoscience. It is expected that the students who take Geoscience will increase in number. The number of the high school teachers who have majored in Geoscience, however, is small, which means that the teachers who specialize in the other science subjects are going to have to teach Geoscience.

Therefore the council for the study of Geoscience education of high school in Saitama has been trying to edit a new guidance book on geoscience experiments as a measure to support non-Geoscience teachers. The followings are the new viewpoints of the coming guidance book.

Firstly it aims at easiness in both the preparation for these experiments and the way of conducting them.

Secondly it must lead the students to understand the most important concept and experimental way of Geoscience through the experiment. The 35 experiments have been selected by the criteria of the above.

Let's have a look at each experiment in detail from now on.

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