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GSU021-P02

Room:Convention Hall

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Specific Scientific Thinking for Subject Geoscience

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Among four subjects in science, physics, chemistry and biology and geoscience, there is important difference. The field covered by geoscience, compared to other science subjects, require large-scale time axis and macroscopic spatial tempered intuitive thinking with general decision.

The actual method is of inquiry subject to analytical thinking based on geochemistry and geophysics. Here, I want to emphasize the importance of a strong sense of exploration of nature, that is, intuitive thinking and comprehensive way to pull handgrip and conclusions when exploring issues. In dealing with natural phenomena in geoscience, the temporal and spatial size, which cannot be brought to the laboratory intact in terms of the complexity of the phenomenon, is difficult to understand simply by thinking approach of the physical and chemical analysis. Actually when observing this phenomena in the field, in addition to intuitive thinking,

comprehensive thinking is also necessary to examine the limits of available materials.

In this study, the essential of subject geoscience will be discussed through the recent exploration of the Hayabusa work.

Keywords: Science, Geoscience, intuitive thinking, general decision, HAYABUSA