
GSU011-10

Room: Exhibition hall 7 subroom 2

Time: May 23 15:56-16:09

Lab Work Using Tangible Three-Dimensional Models

Teiichi Suzuki^{1*}

¹Hanno High School

One of the features of Earth Science is to deal with time and space. Two main facets of Earth Science include topography and geology, which convey the concept of space that students should learn. But, up to this point, Earth Science teachers have relied mostly on desk-work to conduct their lab work. In this manner of teaching, it is difficult for students to obtain the full image of three-dimensional landforms or the nature of soil. Recently I have created a way of teaching, using models for geological and topographical lab work. Students do their work while examining tangible 3-D models. By using this method to teach, it is expected that students will improve their understanding of Earth Science.

Keywords: lab work, topography, geology, three-dimensional models, space