

Earth Science Education for the Understanding of the Scientific Concept SPECTRUM

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The spectrum which is a physical concept is required for the understanding of earth science or astronomy, and few people have the concept. However, it is not necessary for all students to learn the spectrum theory with the subject of physics. The sufficient level as a man's of today culture may be reached by learning inductively in the subject of earth science.

In the educational views of teaching materials, this paper compares the spectrum of seismic waves and the spectrum of fixed stars. And it examines the acquisition process of the spectrum concept.

Through the disaster prevention education, it is expansively considered that the roles of the practices which is peculiar to earth science education bear to the whole school education.