

Difference in elementary students' understanding of a solar eclipse by using different ICT devices

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To progress active learning by effective utilization of ICT devices, we studied three different learning methods of a solar eclipse for elementary school students: a passive learning method providing materials by a projector, an active learning method with a tablet, and a virtual experience learning method with a stereoscopic model. According to the results of the questionnaire survey about the degree of ease in understanding, the students answered that it was easy to understand using a tablet or model, and all students showed increased motivation for learning.

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