

Report of microtremor measurement experiment in junior high school class

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We had planned and carried out the classes and experiments by a joint of junior high school and university in SPP (Science Partnership Project by Japan Science and Technology Agency). This class is earth science field which is one of the SPP programs of 'Let's experience and deepen of science in our life'. This opportunity dealt with microtremor. The lecture and experiment of microtremor on the floor of the schoolroom were carried out with the students. Although ground and building is always shaking in imperceptible, the experiments made us recognized the microtremor on the ground like heartbeat. Maybe, the lecture level is a little too high for junior high school students. However, these actions need to interest children in the science of our lives.