

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)

Ignition - Primary Space Education (1)

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THE EFFECTS OF SPACE EDUCATIONAL TRAINING PROGRAM FOR PRIMARY SCHOOL
TEACHERS -ANALYSIS OF SATISFACTION WITH THE PROGRAM AND THE FACTORS OF
TEACHERS-

Abstract

JAXA Space Education Center has conducted training programs for more over 1,000 teachers every year and we has conducted the questionnaires before and after the programs to measure the effectiveness of the programs. The questionnaires let us analyze what kind of influences the programs have on the teachers at the perspective of their way of thinking, and what type of teachers tare open to the influences of the program. The analysis in 2016 gave the following results; JAXA's space education which aims to make the students develop the ability to think and solve the solution by their own is highly effective, (gives more intense changes) for the teachers who have no or little concern with space and science. Moreover, the analysis showed such abilities should be developed at the earlier stage of the student's growth. In 2017, we are analyzing especially how our program affects the primary school teachers, based on the results of the analysis in 2016. This paper reviews the analysis what type of teachers accept more effectively the space education JAXA promotes, and to conduct the more effective training program, what type of strategy we should plan.