

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)  
New Worlds - Non-Traditional Space Education and Outreach (7)

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A SPACE EDUCATION PROGRAM TO SOLVE THE SHORTAGE OF COMMERCIAL SPACE  
TEACHERS IN JAPANESE SCHOOLS**Abstract**

News about commercial space travel is beginning to be reported around the world, and even in Japanese schools, children are beginning to take an interest in space travel. However, even if they are interested in space, there are not enough educators in Japan today who can train them to be active in the private space industry. In addition, school teachers in Japan are so busy that they do not have time to learn about the latest trends in the world's commercial space development.

Therefore, SKIP, an online cram school for Japanese elementary to high school students living in Japan and overseas, has started an education program for students, parents, and teachers as a part of classes.

In this program, students can learn about the latest civilian space development. We will also have experiential learning about space.

For example, when you go to space, your sense of value changes drastically due to the over view effect. This is common knowledge for astronauts, but most of the general public does not know about it yet. Therefore, we will let people experience the change in their sense of values when they go to space by having them experience a zero-gravity flight on Earth.

They will also learn how to deal with problems that may occur during space travel by realistically experiencing the spacecraft operation control center and the spacecraft simulator.

This paper introduces a space education program to foster human resources who will be able to work in the global civil space industry.