

Exploratory Factor Analysis of parents' selection of education program at Science Museum

NamYoung Heo, Yejin Park, HyeYeon Huh, Busan National Science Museum

The Science center is being held educational programs as well as exhibitions and events. It helps students to understand science and technology by conducting a variety of experiential education programs.

Busan National Science Museum also operates various educational programs for school groups during the semester, and provides individual students with programs with diverse and scientific themes during weekend and vacation.

In case of Korea, parents tend to suggest programs to their children in consideration of their's interest. This being so, in the science museum, It is necessary to explain why parents encourage their children to be educated at science museum. And using this result, we should make an effort to provide a better education environment and to operate customized education programs.

For this purpose, parents' interviews were conducted from January 2 to February 28, 2019. The interviews focused on the opinions of the general education and the factors of selecting the science education. Based on this, the three researchers discussed the factors through consultation. As a result of this, the preliminary survey and the main survey were conducted for the parents.

We will use this result to clarify why parents choose education program at science museum compared to other institutions' educational programs. Based on this, we would like to suggest the direction of education at science museum.