

## 1. Motivations and summary of research

In recent years, garbage problems has become a social problem in Indonesia. We thought about things we could do to help, and decided to do work with Otsuka, and Stella Maris School to carry out environmental awareness activities in an elementary school. Elementary school students hold the future of Indonesia in their hands, and so the goal was to increase their concern for the environment and think of solutions together.

## 2. Problems

- ① People don't understand the environmental conditions in Indonesia
- ② People don't have the habit of cleaning and throwing away garbage in the garbage can.
- ③ People are not interested in the environment.

## 3. Activities

### 1. Explanation in Power Point

- make children notice their situation
- grow children's concern for the environment

### 2. Garbage games

- (1) Make a group of 5 people.
- (2) Collect garbage(The time limit is 8 minutes)
- (3) Give a prize to the group with the most garbage collected

- make children establish the habit of throwing away garbage in the garbage can.
- grow children's concern for the environment.



## 6. Suggestions



## 7. Reference

MURASE, N., T.MURAYAMA and S.NISHIKIZAWA(2015)Analysis on Relationship between Residents' Awareness and waste Bank Activities in Indonesia-Case of Balikpapan City *Environmental Information Science* vol.29 267 ~272

## 4. Results

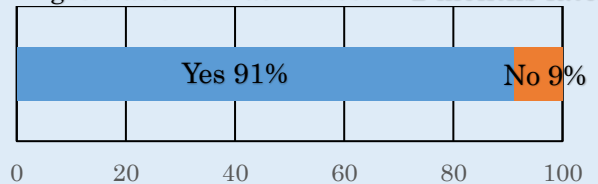
We sent a questionnaire to schoolchildren

Q1. Do you think Indonesia is a clean country?



Q2. Did your concern for the environment

grow after our activities? 2 months later



Teacher

The children have come to notice fallen garbage and throw it away in the garbage can.

## 5. Consideration

Based on these results, students noticed their environmental conditions and began to take an interest in the environment. However, we can't say for sure that students will maintain this environmental awareness in the future.