

INCREASING INSIGHTS OF ELEMENTARY SCHOOL STUDENTS ON THE IMPLEMENTATION OF THE WASTE AWARENESS MOVEMENT

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Abstract

This activity aims to provide knowledge to students about waste and its impact on the environment, especially at State Elementary Schools 3 Riang Gede. The background of this activity is the main problem that exists, namely waste. This problem must be overcome from an early age so that the mindset or mindset of the community is formed regarding the bad effects of waste. The method used is a direct approach to the people of Riang Gede Village, the main targets of this project are students at State Elementary Schools 3 Riang Gede. This location was chosen because the children of State Elementary Schools 3 Riang Gede mostly come from Riang Gede Village, so it is hoped that in the future the children will be able to transmit the habits in the family environment. After this activity was carried out, it can be concluded that the students at State Elementary Schools 3 Riang Gede have the intention to know more about what waste is and its uses as evidenced by their work in the form of handicrafts made from waste. From this activity, the hope is that it can provide useful knowledge about the bad impact of waste and can increase awareness from an early age as well as creative products produced in the process of utilizing waste, especially plastic waste which has a high selling value.

Keywords: Education, Mindset, Garbage, Inorganic.

INTRODUCTION

Plastic waste is a type of inorganic waste that is difficult to decompose in soil and water. Plastic waste is usually just piled up and thrown away, causing a negative impact. One of the efforts to overcome plastic waste in Riang Gede Village is to increase knowledge in the community.

Garbage is a material that is discarded from the results of human activities and natural processes that do not yet have economic value (Cahyo, et.al, 2018) The time required for plastic bags to decompose is about 10-12 years and the time required for Styrofoam to decompose properly is 500 years old, so the most commonly used method is burning. The impact of the combustion process carried out is air pollution it reduces air quality in the environment.

Until now, the perfect point in handling single-use plastic waste has not been found to maintain the sustainability and sustainability of the earth. Therefore, the use of plastic materials can be said to be unfriendly or conservative for the environment if used without using certain restrictions. From that problem, one of the things that can be done to reduce waste is to

campaign for a waste awareness movement where this movement aims to invite residents or the community in Riang Gede Village not to throw garbage in the river because it can pollute the surrounding environment. The waste awareness movement aims to invite the public to be more aware of the environment because the environment is very influential on the quality of human life. If this process is carried out properly and correctly, it will have a huge impact on the quality of the environment and human health in Riang Gede Village.

Based on Law no. 18 of 2008 concerning waste management, waste is defined as the rest of human daily activities and/or natural processes in solid form. According to Sulistiyowati (2006), this waste problem has become a national problem that requires good management so that it does not have an impact on public health and the environment. In suppressing or tackling the circulation of plastic waste, three methods are needed. In principle, these three methods are steps in the process of good waste management. The priority of waste itself is prioritized by reducing waste generation or called Reduce. Then it is supported by reuse or Reuse, and the last is to recycle or recycle materials so that they can be used and have economic value again. Education about increasing students' knowledge about waste and how to process it is aimed at increasing knowledge and increasing the creative spirit of State Elementary Schools 3 Riang Gede students. Not only that, but students can also develop it into a creative learning activity while at the same time trying not to become one of the contributors to waste that is very disturbing to the environment and creates solutions to waste problems (Qodriyatun, 2018). From this activity, it is hoped that it will be able to reduce plastic waste which is the main problem in Riang Gede Village, and also raise awareness about the bad impact of plastic waste starting from an early age.

IMPLEMENTATION METHOD

The type of activity carried out is education about the management of inorganic waste into goods that can be reused and have economic value. Referring to the background of the problems that occur in the village, this activity focuses on education and also its implementation in everyday life so that it is easy for students to implement it. This activity is located in Riang Gede Village, Penebel District, Tabanan Regency choosing one of the elementary schools, namely State Elementary Schools 3 Riang Gede which will be held on Saturday, February 29, 2022, from 08:00 to 12:00 WITA.

The implementation method in this service activity consists of three stages, namely:

1. Observation phase by conducting a survey

The first stage is a survey of the place where this activity will be carried out. This is done to observe how the environment around State Elementary Schools 3 Riang Gede is. It also aims to find out how many participants will take part in this activity so that it can be adjusted to the conditions when the activity is carried out.

2. Interview stage

In the second stage, interviews were conducted with principals and teachers. This is done to know the background of the students so that it will be easier to carry out activities. It also aims to find out the materials and tools needed in the process of processing plastic waste to become crafts. Interviews were also conducted to avoid misunderstandings in this activity.

3. Implementation stage

At this stage, it is done by carrying out all the activities that have been prepared and then implementing them to students starting from educational activities that aim to add insight and instill a waste awareness attitude towards the surrounding environment. After the education was carried out, it was continued with waste processing activities into a craft. It aims to increase students' creativity and channel their imagination into a craft. This activity also aims to familiarize students to be able to use waste so that they can reduce and overcome waste in their environment.

RESULTS AND DISCUSSION

Education About Waste, many students already understand and understand what garbage is which also makes the students very enthusiastic to answer the questions given.

Table 1. Student Education Results

Before the waste management workshop	Before the waste management workshop
The lack of awareness of elementary school students in utilizing non-organic waste in the school environment	There is a school program regarding the creation of handicrafts made from non-organic waste which is carried out regularly at the end of the semester.
There is no garbage selection in the school area.	The school provides garbage disposal based on the type of waste category.
Students do not understand the processing of non-organic waste.	With the non-organic waste management workshop, students can gain insight into the potential of waste management that can be of economic value.



Figure 1. The results of student crafts

Source: Documentation

After being given an understanding, the next activity is to invite students to process waste into a craft. This aims to increase creativity and also channel their imagination into a craft. This activity also aims to familiarize students to be able to use waste so that they can reduce and overcome waste in their environment.

CONCLUSION

From all the activities that have been carried out, it can be concluded that knowledge about waste is very important and aims to increase the knowledge of students at SDN 3 Riang Gede. The waste awareness movement must be fostered from an early age because it will greatly affect future lives so it will improve the quality of human health. From this activity, we also understand the importance of maintaining the cleanliness of the surrounding environment because it will affect human survival.

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