

## INTRODUCTION OF INTERACTIVE SCIENCE LEARNING IN COMMUNITY SERVICE AT KASIH ENDE ORPHANAGE

Rouna Paoki<sup>1</sup>, Lenny Evinita<sup>2</sup>

<sup>1</sup> Universitas Klabat

<sup>2</sup> Universitas Negeri Manado

[lennyevinita@unima.ac.id](mailto:lennyevinita@unima.ac.id)

### Abstract

Education is a process to improve, to educate people's skills, attitudes, and behavior; and to govern a person or group in an effort to educate human life through teaching, training and guidance activities. Based on the situation in Ende district, there are social problems, one of which is the number of children dropping out of school due to several factors, such as the family condition. Through the Community Program, the community in Ende Orphanage was invited and involved in improving children's education. Based on the results, the community service found the children of the Naungan Kasih Orphanage participated in activities and gained knowledge based on the activities that had been carried out. The activity is how to increase knowledge with tutoring, such as waste classification and processing, clean and healthy lifestyle, character building, and education about the slogans and symbols of the Republic of Indonesia.

**Keywords:** Character, Educational, Interactive.

### INTRODUCTION

Education is something that is very important and cannot be separated from one's life, both in the family, community, and nation. Through education, the nation's young generation will be advanced and educated. Indonesia, as a developing country, needs quality human resources. To create quality human resources and educate the nation's life, improving the quality of education is very important for sustainable development in all aspects of human life. Therefore, the national education system must always be developed in accordance with the needs and developments that occur in the community.

Education is an activity to guide human children towards maturity and independence. This is done to equip children to tread their lives in the future. The implementation of education cannot be separated from the perspective of humans and humanity. According to Kurniawan (2017), education is transferring values, knowledge, experience, and skills to the younger generation as an effort for the older generation to prepare the life functions of the next generation, both physically and spiritually. Education is an activity carried out by humans consciously and is programmed to build a good personality and develop the abilities or talents that exist in individual humans to achieve certain goals.

In the Ende district there are social problems, one of which is the number of children dropping out of school, which is still very high where there are several school children dropping out due to several factors such as the family's economic condition, the level of willingness of children to take formal education, as well as environmental conditions. By having many children attend the Elementary/Equivalent level, things are in line with the goals of community

service activities. The enthusiasm of the children in the village is also very high, with the existence of a spacious place for activities that will be carried out make it easy to implement the health protocol.

Improvement the level of educational in Ende Orphanage need to have good character, which is character greatly effects a person, where we can judge someone through his words and actions. Samrin ( 2016) said that character is a human attitude or behavior that is manifested in actions, words and thoughts based on the norms that apply in society. Ma'arif (2018) stated character is a combination of several psychological characters in the form of moral values, moral actions, personality, emotions, and individual characteristics that affect each person's actions as a moral agent.

Character of education is a system of moral education used to instill and develop good character values to someone, so they have knowledge and noble actions and can apply everyday like at home, at school or in society.

### IMPLEMENTATION METHOD

The approach taken at this PKN( community Service) is to provide education, training to children in the Ende Orphanage on how to classify waste and its processing, clean and healthy lifestyle, character building, physical and spiritual health , education about symbols and slogans Republic of Indonesia. The location of the service was carried out at the Naungan Kasih Orphanage in Paupira Village, Central Ende District, Ende Regency, East Nusa Tenggara. The service was carried out for 2 months from November-December 2021. The object of this service is 35 children in foster care.

Based on the activity plan that has been prepared, the expected output target after the implementation in Ende can be shown in the following table:

No.	Activity	Target and Output
1	Waste Recycling	Target:80% children's able to understand about waste, kind of waste, source of waste and how to recycle the waste. Output:100% children's know how to make handicrafts from plastic waste.
2	PHBS (Guide to wash your hand the right way)	Target: 80% children's in Ende orphanage able to know: The purpose of washing hand, good hand washing technique, benefit of washing hand and when we wash your hand. Output: 100% children's able to demonstrate how to wash hand properly..
3	Character building	Target :80% children's able to know what character building and education as character building is. Output: 100% kids able to know about character building.
4	Education about the slogan and symbol of Republic Indonesia.	Target: 80% children's able to understand definition, function and meaning of the symbol and slogan of republic Output:

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100% children's able to understand about slogan and symbol of Garuda Pancasila..

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## **RESULTS AND DISCUSSION**

The results obtained from the field from several activities was found:

### **1. Waste Recycling**

The purpose of this activity is educated children about the advantages of waste recycling, the result was that the kids in Ende Orphanage able to understand about waste recycle and knew how to make handicraft from plastic waste.



**Figure 1: Implementation to educated children about waste recycle**

### **2. A Guide to Washing your Hands correctly**

The purpose of this activity is to increase knowledge and change attitude to support hygiene and sanitation issues. The children can understand and apply proper hand washing techniques in their daily lives



**Figure 2: Implementation how to educate how to wash your hand properly**

### **3. Character Building**

The purpose of this activity is to develop children's habits and behaviors that are in line with cultural values that have morality and religiosity as well as instill leadership and sense of responsibility. The results orphanage children can apply the ethics that have been given to the surrounding environment.



**Figure 3: Implementation share knowledge about character building**

#### **4. Education about the slogan and symbol of Republic Indonesia**

The purpose of this activity is provided understanding and appreciation of the basic value of Pancasila to children to apply in the life of the nation. The result is that children in the orphanage are The children able to know the basic values of Pancasila and Bhinneka Tunggal Ika.



**Figure 4: Implementation about slogan and symbol of Republic Indonesia**

#### **CONCLUSION**

The activity was conducted to children's Kasih orphanage found that the children able to increase/improve knowledge children and implementing the knowledge that have been given.

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