



## **TRAIN STUDENTS' CREATIVITY WITH PAPER FOLDING MEDIA USING ORIGAMI PAPER"**

**Mohamad Shafri Wawointana**

**Dea**

**Fuji Pratiwi Y. Laiya**

**Ulva Fionita I. Palo**

**Abdul Rahmat**

**Abd. Hamid Isa**

Email: [gilangwawointana2983@gmail.com](mailto:gilangwawointana2983@gmail.com)<sup>1</sup>, [dearydea205@gmail.com](mailto:dearydea205@gmail.com)<sup>2</sup>, [fujipratiwilaiya@gmail.com](mailto:fujipratiwilaiya@gmail.com)<sup>3</sup>,  
[ulvapalo01@gmail.com](mailto:ulvapalo01@gmail.com)<sup>4</sup>, ,  
[abdulrahmat@ung.ac.id](mailto:abdulrahmat@ung.ac.id)

Department Of Elementary School Teacher Education, Faculty Of Education, Gorontalo State University

### **Article history:**

**Received:** 26<sup>th</sup> October 2022  
**Accepted:** 26<sup>th</sup> November 2022  
**Published:** 30<sup>th</sup> December 2022

### **Abstract:**

Creativity is someone's ability to produce something new. Where it can be in the form of ideas or products or new works, which are different from what existed before, or combine the two into something different. The purpose of this study was to find out and analyze the creativity of students using origami paper. The results of the study stated that learning using origami paper media can have an influence on the development of children's creativity so that it makes children more happy in terms of folding origami, the better in terms of developing their creativity. The conclusion from this article is that children's creativity using origami paper media can be an alternative means of training children's creativity, as seen from the enthusiasm of children to learn to try to make a shape from this one to that one and try again if they fail in folding paper. The Origami

**Keywords:** Creativity, Origami Paper

### **INTRODUCTION**

Basically, every child has the potential for creativity in himself, but not all children are able to realize their potential to the fullest. This can happen when the potential possessed by a child cannot be channeled properly due to lack of encouragement and lack of opportunities from parents and the surrounding environment. In addition, what happens at this time is that people will only see the academic value possessed by children even though creativity is an important and necessary thing to develop (Rochayah, 2012). Munandar (2009) also said that children's creative potential can be raised and developed intentionally through the family environment, community environment and school. Creativity in children needs to be developed because creativity is an ability that can support the next individual's life.

Humans have different ways of developing their creativity. The development of creativity also requires perseverance as well as time and hard work from the self-awareness of the individual himself. The emergence of inspiration will make individuals able to think creatively. Basically, a child has a high sense of curiosity, imaginative power that will also affect a child's self-confidence. Therefore, the development of

intelligence possessed by a child is greatly influenced by the child's creativity so that creativity-based education needs to be carried out.

According to Sari (2015) said that play for children has a very important meaning and role, because by playing a child can channel all his desires, satisfaction, imagination, and creativity. The most common play that is able to exercise children's creativity is to make objects and draw. According to Shofiani (2015) origami is the art of folding paper that can produce various shapes of objects according to the imagination of children. Therefore, playing origami can develop all aspects of creativity found in children.

According to Munandar (2009) in school-age children creativity can be improved and stimulated through the child's thinking power, the attitudes that the child has and the creative behavior of the students themselves. To increase children's creativity, it can be done through activities carried out in the classroom and outside the classroom. Meanwhile, what happens at this time is that children will be less and less in getting the opportunity to develop their creativity, because many teachers or educators cannot see and appreciate the personal uniqueness and potential of each child. In addition, there are demands on children to do the same as what

has existed before. In the end, children do not have the freedom to express their ideas or ideas so that the potential creativity possessed by the child is not able to develop optimally.

Creativity is the ability of a person who produces something new. Where it can be in the form of ideas or pruduk or new works, which are different from what already existed before, or combine the two into something different according to Rachmawati and Euis (2010: 13). While the notion of creativity in the context of education according to Simonton (in Aldous, 2005) new ideas and ideas that arise and are generated from a person who has benefits and is different from what existed before can be classified as creativity. Therefore, in this case, education becomes a place or forum for students to develop their abilities. By applying a learning style that contains elements of challenges will affect the child's ability to process their minds and will continue to be trained, so that school is not an obstacle for students to continue to develop their creativity.

Based on the description above, it can be formulated that the problem that will be raised in this study is to see whether with origami paper, the creativity ability of a child will increase? The purpose of this study was to determine the increase in children's creativity through play activities using origami paper media.

## METHOD

The method we use is the observation method is a data collection technique that is carried out by something observation, accompanied by records of the state or behavior of the target object.

## RESULTS & DISCUSSION



(INTRODUCTION WITH YOUNGER SIBLINGS OF GRADE 1 STUDENTS)



(ORIGAMI PAPER DIVISION PROCESS)



(PROVIDES AN EXPLANATION OF HOW IT IS MADE)



(MANUFACTURING PROCESS)



### (RESULT)

The implementation of learning with the paper folding method at SD 2 West City has been implemented and is going well. This activity begins with an introduction to the students, followed by an explanation to the students about the activities to be carried out.

The response of the students was very enthusiastic when they saw the media we used (origami paper) into the form of animal forms, making the students interested in trying to make it, especially in these activities that succeeded in making gifts would be given. In this project, thank God as expected, children are involved almost 80% in our project.

The distance between the school and the place of residence of each is far enough that it is difficult to arrive on time during the implementation of activities. At the time of the activity 95% of students did not know how to make animal shapes using paper, there were even some students who looked embarrassed or scared when we gave questions. However, because of the enthusiasm of the students and their curiosity, the process of the activity went as planned before. The teachers also supported the activity by providing teaching hours, the principal also wanted to help by giving permission and monitoring the activities we made.

### A. DEFINITION OF CREATIVITY

Creativity is a personal trait possessed by an individual and is not a social trait that is lived or obtained from society which is reflected in the individual's ability to create something new Munandar (1988). Creativity is the result of using past experiences that then put the selected experience into new ideas, and thoughts (Khotimah, 2010). Meanwhile, according to Suharnan (2011), creativity is the ability of individuals to form new combinations to see the subject matter, both by imagining something and combining pre-existing concepts. In addition, according to Sari (2015) said that creativity is a general ability that each

individual has in creating something new both in the form of new ideas and products that are useful and can be applied in solving a problem, or as the ability to see elements that already exist and are discovered before. Makmur and Rohana (2015) mean that creativity is everything that has been produced by humans through a thinking process that is channeled with physical energy that is carried out continuously and the results are beneficial to human life. From some of the explanations above, the researchers can conclude that creativity exists in each individual which includes curiosity, imagining, to creating new products, ideas and new ideas, where these abilities are generated from freedom in the process of thinking.

### B. Definition of Origami

Paper folding or origami is a technique of creating arts / crafts that are generally made from paper, with the aim of producing various forms of toys, decorations, functional objects, props, and other creations of Sumanto. The way to fold origami paper is by changing from sheets of paper shaped for example quadrangles, triangles and others then in the shape of the pattern again gradually until finally a model or shape of the desired pattern can be produced. This folding activity is very good for increasing children's creativity, not only creativity but also very good for children's motor skills. This activity really requires the skills of coordination between eyes and hands, accuracy, neatness, and creativity of the child.

### C. Benefits of Origami

There are several benefits of origami, namely:

1. Children learn to imitate/follow directions. If the child can imitate well as exemplified by parents or teachers, then there the child has actually learned, learned how to follow it and has been biased by the child in following it. Has it developed what hasn't. This is the underlying thing that the child has learned by imitating/following.
2. Children learn to be creative. Origami is essentially a world of creativity. There are many forms and models of origami both traditional and modern. Children can choose which one he likes. If the child is proficient in folding his paper, then he will make a fold shape according to his idea. This means that children have learned to be creative to be able to produce a form of something.
3. Children learn to imagine. Through origami a child can learn to imagine as he sees fit. And the child will try to be creative with something new without having to imitate or follow the steps of the teacher or his parents. Here is the child who creates his own according to his imagination.
4. Children learn to work. Origami is the art of folding paper, so that if a child makes origami, then





there the child is learning to work, both according to the will of the teacher, parents, and even of his own will. Art here can be interpreted as two, the first is the art of folding, the process at each stage. And the second is, the model itself that becomes the work of art.

5. Children learn to appreciate/appreciate. Practicing origami means that children have also learned how to appreciate an art from the visual arts. And can learn also about how beauty is from an early age, the child can also learn the subtlety of the soul.
6. The child learns to make models. Origami is the activity of folding paper to form any shape or any model. For example, girls make models of animals, and boys make models of airplanes. This will continue to develop according to the child's ability to form his model, from easy to difficult stage.
7. The child learns to make his own toys. With origami paper media children will be very happy to make their own toy creations, such as making frog jumping toys, ships, planes and other shapes. Biasnaya children are very happy and make these toys alone or together with their friends.
8. The child can read pictures. Usually children see books that have pictures and instructions. Here it will stimulate the child's logic to follow the existing instructions and then practice them as desired.
9. Children can find solutions to their problems. In children, making creations with origami there consists of several stages, where each stage that is being assembled has a problem and requires a solution. If the child succeeds in facing the problem at every stage, then there the child has succeeded in solving the problem. That is, the child can solve problems that are not realized and the child is said to be successful.
10. The child learns comparison (proportion/materials). One of the models of origami beauty is through form (comparison of forms). Why this model, because it is on the theory of proportions. On the other hand, the type of fold is not just any fold, but based on mathematical theory. Thus, origami activities can guide abak to get to know the concept of comparative forms and at the same time mathematical concepts.

From some of the benefits above, it can be concluded that there are many benefits that a child has when learning to use origami paper media. The child can imitate what is being seen and can practice it directly. Children can also imagine what they are

thinking. Children will make creations according to what they have seen. The child can make for himself what creations he will do. With a wide variety of unique models and shapes that are excellent for the development of his creativity. So many benefits of a child who is learning while playing through the medium of origami paper.

#### **D. Training Students' Creativity using Origami Paper**

From what has been explained above, the way to increase children's creativity is by always providing stimuli or stimulus and response. If we provide a stimulus there will definitely be a response or reciprocity. For example, our children teach folding using origami media, then children over time will be able to easily fold what we will teach. For example, making an animal shape, we teach how to fold it early until finally the child will get used to it and will increase his imagination even more. Children can also make any shape that cools them. From the smallest thing until finally the child creates his own according to the child's creativity. Do not say no to the child.

Because it will result in the child being afraid to try. So continue to support the child. And always give motivation and encouragement in order to develop their creativity according to their age. The child's development will definitely begin to improve according to the passage of time and age. From an early age, we begin to develop their creativity, so that the talents possessed by children can be poured out not only hidden and cannot be expressed. From the parents themselves must be able to understand what the child's talents are from an early age. In order to be able to channel the talents of his son. The child's talent has been innate since birth, depending on his parents channeling his or her talents that a child already has.

Learning is a process of interaction that is carried out in order to obtain a change in behavior in a new human being as a whole as a result of experiences in society or the environment. By learning, children can understand what children do not understand. By learning children will also practice about cognitive, development will also increase from the most basic to continuously improve according to age. The improvement of children's learning outcomes shows that origami paper media can be used as a medium in learning activities. The learning conditions in the classroom show that the use of media using origami paper can attract children's attention which in turn can foster children's learning motivation. This can be seen when children want to experiment with making shapes by folding their origami paper, so that teachers can do equity for children who want to try experiments so that the teacher can control the class until the atmosphere becomes more conducive.



The use of media using origami paper can also clarify what a good learning means. Sudjana that teachers will get a lot of benefits and benefits if they use media in terms of learning activities, because the material they want to convey will be easier for children to interpret, so that the goals in the predetermined learning process will be mastered by children. In other words, that how to develop a child's creativity is one of the activities that are mandatory in the child's learning process. Children's creativity is undeniable that one another must be different, for this reason, it is very important for a teacher to always provide motivation and encouragement to children to have the spirit of learning while playing which makes students excel and can develop the potential that exists in themselves optimally.

In other words, creativity is absolutely possessed by a person for the sake of success in learning it. The development of creativity is one of the basic abilities possessed by students. With this, origami paper folding activities are a form of media to develop children's creativity which includes activities that lead to skill activities, using equipment, and using equipment will have an impact on children's ability to fold their origami. Thus, it can be said that learning using origami media can have an influence on the development of children's creativity so that it makes children happier in terms of folding origami, the better in terms of the development of creativity

## CONCLUSION

From the results of the discussion above, it can be concluded that children's creativity using origami paper media can be an alternative means to train children's creativity, as can be seen from the enthusiasm of children to learn to try to make a form of this one into that one and do another experiment if they fail in terms of folding the origami paper. Children are usually enthusiastic when it comes to folding colorful origami paper because it attracts attention. Because usually children like bright-bright colors. By using origami paper, children will play folding paper. Play how to create according to what the child is capable of. Although not all children are smart in terms of folding origami paper, but it can be seen that children who have a high level of creativity, if children who have high creativity will always make new things and always try to try other new things, always innovate and always develop their imagination, because it can be seen from the creativeness of children in terms of imitating the folds of paper that have been taught by the teacher. And can develop what the teacher has already taught.

## ACKNOWLEDGEMENTS

We would like to express our gratitude to the lecturer who teaches the introductory education course, Prof.

Dr. Abdul Rahmat, S.Sos, I., M.Pd. who has guided during the process of compiling this article.

## BIBLIOGRAPHY

1. Hasanah, U., & Priyantor, D. E. (2019). Development of Early Childhood Creativity Through Origami. *Elementary: scientific journal of primary education*, 5(1), 61-72.
2. Hidajat, H., & Streit, A. K. (2022). ORIGAMI AND POP-UP TRAINING FOR DIAN PERTIWI KINDERGARTEN TEACHER TO INTRODUCE PETS. *Journal of Service and Entrepreneurship*, 6(2).
3. Khoiriyati, S. (2019). EFFORTS TO INCREASE CHILDREN'S CREATIVITY USING ORIGAMI PAPER MEDIA.
4. Rahhayu, P. Y. (2022). *Student Creativity through the Use of Origami Paper Media Grade 1 at MI Ma'arif Ngrupit* (Doctoral dissertation, IAIN Ponorogo).
5. Roslianti, E., Firmansyah, A., Nugraha, Y., Asmara, A. N., Maulidiyah, H., Monika, H., ... & Falah, S. A. (2022). Fine Motor Improvement through Origami Paper Folding Activities at PAUD Kober Cempaka. *Journal of Abdimas Health (JAK)*, 4(3), 419-424.
6. Sari, Y. (2012). *IMPROVING SKILLS IN FOLDING ORIGAMI PAPER THROUGH EXERCISE METHODS IN GRADE IV STUDENTS OF SD NEGERI 164517 TEBING TINGGI FY 2011/2012* (Doctoral dissertation, UNIMED).
7. Sukma, S. (2022). DEVELOPMENT OF CHILDREN'S CREATIVITY THROUGH ORIGAMI PAPER FOLDING SKILLS IN RA AL-MUSLIMAT. *Tarbiyatul Aulad*, 8(02).
8. (Abdul Rahmat S Sos THE ROLE OF THE CREATIVE ECONOMY IN FACING, N.D.)
9. Rahmat, Abdul, *Introduction to Education* (Gorontalo: i deas, 2021)