

## APPLICATION OF THE JIGSAW LEARNING METHOD TO CLASS VI STUDENTS AT SDN KEDUNGPATANGEWU, PEKALONGAN

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### ABSTRAK

Penelitian ini bertujuan untuk mendeskripsikan penerapan metode pembelajaran jigsaw pada siswa kelas VI di SDN Kedungpatangewu, Pekalongan. Metode penelitian ini menggunakan pendekatan kualitatif dengan teknik pengumpulan data berupa wawancara dan studi literatur. Subyek penelitian dilakukan pada seorang guru kelas VI di SDN Kedungpatangewu, Pekalongan. Hasil yang di dapat dalam penelitian ini yaitu 1.) Penerapan metode pembelajaran jigsaw pada anak kelas VI di SDN Kedungpatangewu dapat menumbuhkan rasa tanggung jawab terhadap situasi belajar mereka; 2.) Pelaksanaan metode pembelajaran tipe jigsaw dilakukan dengan memberikan sebuah tugas untuk didiskusikan bersama kelompok belajar kemudian dipresentasikan didepan kelas; 3.) Dalam mengatasi masalah yang muncul saat penerapan metode pembelajaran jigsaw guru memberikan motivasi kepada setiap siswanya agar ikut aktif dalam pembelajaran; 4.) Kelebihan dari penggunaan metode pembelajaran jigsaw yaitu meningkatkan rasa tanggung jawab setiap siswa dalam proses pembelajaran, selain itu kelemahan metode pembelajaran ini adalah menjadikan anak yang tidak aktif merasa kurang mampu mengikuti metode pembelajaran tersebut dan hanya mengikuti teman-teman yang lain sehingga keaktifan siswa menjadi tidak terlihat (Pasif).

**Kata kunci** : Penerapan, Pelaksanaan, Kelebihan dan Kekurangan, Pemecahan

### ABSTRACT

*This study aims to describe the application of the jigsaw learning method for grade VI students at SDN Kedungpatangewu, Pekalongan. This research method uses a qualitative approach with data collection techniques in the form of interviews and literature studies. The research subject was a VIth grade teacher at SDN Kedungpatangewu, Pekalongan. The results obtained in this study are 1.) The application of the jigsaw learning method to VIth grade students at SDN Kedungpatangewu can foster a sense of responsibility for their*

*learning situation; 2.) The implementation of the jigsaw type learning method is carried out by giving a task to be discussed with the study group and then presented in front of the class; 3.) In overcoming problems that arise during the application of the jigsaw learning method, the teacher provides motivation to each of his students to participate actively in learning; 4.) The advantages of using the jigsaw learning method are increasing the sense of responsibility of each student in the learning process, besides that the weakness of this learning method is that it makes inactive children feel less able to follow the learning method and only follow other friends so that student activeness becomes invisible (Passive).*

**Keywords** : *Application, Implementation, Advantages and Disadvantages, Solution*

## **INTRODUCTION**

Education is knowledge, skills, and habits passed down from generation to generation through education, training, or writing. Education can be accessed independently or through the guidance of others. Any experience that has a normative impact on the way a person thinks, feels, or acts can be called education. Therefore, humans must study and educate themselves throughout their lives so that they can live and develop their lives consistently.

The teaching and learning process is one of the most important things in education. Teaching and learning is a process of change in humans, whether it is changes in knowledge, understanding, behavior, attitudes or habits. By learning we can feel the benefits of the knowledge we gain for the future, not only for ourselves but also for other people. However, the teaching and learning process is not always easy, sometimes we are faced with various problems that arise, such as students not understanding the material presented, students getting bored easily, and students who have learning delays may be left behind by other students who easily understand the material. In this case, teachers must have a way so that the material being taught can be conveyed well to students, for example by applying various learning methods that are interesting to students so that the teaching and learning process becomes more effective and efficient. A learning method is a method or method used in implementing the teaching and learning process.

According to Bruce Joyce (2011), learning methods are defined as procedures or strategies used by teachers to create an environment that is conducive to student learning. They emphasized that learning methods must be able to encourage students to think critically, collaborate, and actively participate in the learning process. There are many learning methods, there are lecture learning methods, question and answer, discovery learning, jigsaw (group) learning methods, and so on. Learning methods are not always applied to certain subjects but can be changed according to the needs of students. Learning methods are not only used to increase student knowledge but also to increase discipline and responsibility for each student to be able to carry out the tasks given by the teacher. The appropriate learning method for increasing the sense of responsibility for students in class VI at SDN Kedungpatangewu, Pekalongan is the jigsaw

learning method. Jigsaw is a learning method that uses the concept of joint learning because in this learning method it involves students expressing opinions with an understanding according to what the students have learned and according to the experiences they have had. Apart from that, this method is also called multifunctional because the jigsaw method can be used in several ways to achieve various goals, especially for presentations and getting new material. It also has another structure, namely dependency between student and student because what is used is cooperative or group learning.

Jigsaw type cooperative learning is learning that is based on a multifunctional structure. As mentioned, jigsaw learning uses the concept of cooperative learning or group learning which can be used on all subjects and at all levels to develop the expertise and skills of each group. The jigsaw learning method can also be called the group work method. Applying the jigsaw method in learning can have a positive impact on the teaching and learning process, namely it can involve all class members to actively participate in learning and increase students' interest in learning. Apart from that, it can also help each student to obtain and understand the assignments given by the teacher. To be able to achieve effective learning goals, the learning methods used by teachers must be appropriate. Choosing the right learning method greatly influences students' learning situations because not all material taught can use the same method, but it must be adjusted to the students' needs and abilities. So in this journal we will discuss the application of the jigsaw learning method to class VI students at SDN Kedung Patangewu, Kab. Pekalongan.

## **DISCUSSION**

The jigsaw method used by teachers in teaching students in class is created to increase their sense of responsibility for their learning situation in learning. Students do not just study the material provided by the teacher, but they must also be able to master and understand the material to their group members. In this case, students are interdependent with other members so they can work together to complete the tasks given.

In this method, students are given many opportunities to express their opinions and process new knowledge and can improve students' communication skills. All group members are also responsible for the success of their group and can master the material studied so they can convey it to other members. As stated by one of the teachers at SDN Kedungpatangewu, Pekalongan, the learning methods used can vary, for example discussion, collaboration, group work or project based learning. But what is specifically used to increase students' sense of responsibility is the jigsaw learning method. The jigsaw learning method is a method of grouping students into several small groups which are then given assignments to be discussed together by each group so that each student has responsibility for the topic material given.

In the opinion of Anita Lie (1994:21) explains that the jigsaw learning method is a cooperative method designed to increase students' sense of responsibility for their own learning and the learning of others. The jigsaw learning method is a variation of cooperative learning, namely a group learning process where each group member contributes information, opinions, ideas, experiences, abilities and skills to jointly improve the understanding of all members. Students not only study the material being discussed, but they must also be willing to provide and teach the material being discussed to others. The application of the jigsaw learning method to grade VI children at SDN Kedungpatangewu, Pekalongan Regency can increase students' sense of responsibility for the student learning situation, because by implementing the teacher using the jigsaw method in the learning process it can provide a sense of responsibility for each group to be able to complete the tasks given and understand the overall material that will be presented in front of the class. So that each student has responsibility for the material that has been given in the group. And this allows students to actively participate in learning.

The implementation of the learning process using the jigsaw method was carried out on class VI students at SDN Kedungpatangewu, Pekalongan, namely by the teacher dividing class members into several groups, then each group was given a different task to discuss, after that each group presented the results of their discussion. in front of another group. This is in line with the opinion of Familus

(2016:99) explaining that behavioristic theory is a theory related to changes in behavior as a result of interaction activities between stimulus and response. Based on the opinion of Suprijono (2015:30), it is revealed that there are several steps in jigsaw learning, including that the teacher divides students into several heterogeneous groups, consisting of 5-6 people; From each group, one student is appointed as leader; The assigned lesson material is divided into 5-6 parts so that each student gets the lesson material; The teacher provides time for students to study the material that has been given to them; Home group members who have material that is compatible with the expert group can join and conduct discussions; After discussion, each member returns to their original group; Each member who gets a different assignment can present the part they learned to their group; After that, each group presented the results of their discussion to the front of the class; And at the end of the learning process the teacher gives questions that must be worked on regarding the material.

According to one of the class VI teachers at SDN Kedungpatangewu, Pekalongan, in the jigsaw learning method, the teacher has the role of a motivator who gives enthusiasm and motivation to each student so that all students participate actively in learning and contribute to giving their opinions in the group. In this case, it is a challenge for a teacher to ensure that all students participate actively in learning so that no one is passive. The role of teachers in encouraging students to learn is very important. If this is not done then what happens is that students are less creative and not motivated to participate in learning activities. The teacher's role in increasing students' learning motivation is by making students active in teaching and learning activities by providing knowledge direction in the form of assignments to be carried out, and the teacher creating a conducive learning atmosphere in the classroom. This can foster students' learning motivation, besides that by developing learning using varied methods it can make students participate actively in class and students will not get bored and fed up quickly when taking part in learning. So it can be concluded that the role of the teacher is very influential on students' main goals of achieving achievement and improving the quality of education during the learning process.

Using the jigsaw method in learning can change student behavior to become more active in learning. This can be seen, before this method was used, some students seemed passive in the learning process, but after implementing the jigsaw method in learning, it gave rise to involvement in students to actively participate in teaching and learning activities. However, it cannot be denied that some students who are not used to using the jigsaw method or students who have shy, introverted personalities have difficulty participating in learning using this method. This makes them passive in learning and just following the tasks given.

Applying the learning method certainly has advantages and disadvantages, as does the jigsaw method. Based on the presentation from the class VI teacher at SDN Kedungpatangewu, it was revealed that the advantage of the jigsaw learning method is that it can involve all students to actively participate in learning, apart from that, the disadvantage of this method is that children who have delays in learning just follow along without contributing to the group so they do not understand the assignment. which is done. According to Johnson and Johnson in Rusman (2013), the advantages of the jigsaw learning method include:

According to Johnson and Johnson in Rusman (2013), the advantages of the jigsaw learning method include:

1. Improve learning outcomes.
2. Improve memory.
3. Can be used to reach a high level of reasoning.
4. Encourage the growth of intrinsic motivation (individual awareness).
5. Improve relations between heterogeneous humans.
6. Increase children's positive attitudes towards school.
7. Increase positive attitudes towards teachers.
8. Increase children's self-esteem
9. Increase positive social adjustment behavior.
10. Improve life skills in working together.

Meanwhile, other weaknesses of the jigsaw learning model according to Shoimin (2014) include:

1. If educators do not remind students to always use cooperative skills in their respective groups, it is feared that the group will get bogged down in carrying out discussions.
2. If there are not enough group members, it will cause problems.
3. Requires more time, especially since the spatial arrangement has not been well conditioned so it takes time to change positions which can cause problems.

In general, the jigsaw learning model has weaknesses, especially in terms of the time used because it takes up quite a lot of time. Therefore, educators are obliged to organize the course of discussions from the beginning of formation, the discussion process, to the final results. Jigsaw has the advantage that the division of tasks in each group can be varied, students get the opportunity to express their knowledge about the information studied in groups, both home groups and expert groups. Students are involved in group work so that students with less ability have the same responsibility for the success of their work, this will result in students working hard to carry out their assignments to provide the best results for the group.

Thus, it can be concluded that the advantages and disadvantages of the jigsaw learning model are the consequences that accompany when educators choose the jigsaw model as a vehicle for realizing the success of certain learning outcomes. The advantages of the jigsaw learning model can be viewed from various aspects, especially the depth of the material, students and educators from both a psychological and sociological perspective.

## **CONCLUSION**

The teaching and learning process is one of the most important things in education. Teaching and learning is a process of change in humans, be it changes in knowledge, understanding, behavior, attitudes or habits. However, the teaching and learning process is not always easy, sometimes we are faced with various problems that arise such as the material presented does not make sense to students, students are easily bored, and students who have learning delays may be left behind by other students who are easy to understand the material. In this case the teacher must have a way so that the material taught can be conveyed well to



students, for example by applying various learning methods that are attractive to students so that the teaching and learning process becomes more effective and efficient.

In that case one of the methods used is the jigsaw method which is also applied in one of the schools, namely at SDN Kedungpatangewu then in the implementation of the learning process with the jigsaw method carried out on grade VI students at SDN Kedungpatangewu, Pekalongan, namely by means of the teacher dividing class members into several groups, then each group is given a different task to discuss, after which each group presents the results of its discussion in front of other groups.

According to one of the grade VI teachers at SDN Kedungpatangewu, Pekalongan, in the jigsaw learning method the teacher has a role as a motivator who encourages and motivates each student so that all students participate actively in learning and contribute their opinions in the group.

Thus, it can be concluded that the advantages and disadvantages of the jigsaw learning model are the consequences that accompany when educators choose the jigsaw model as a vehicle to realize the success of certain learning outcomes.

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