

The Use Maru Video Tutorials to Improve Skills Make Dowry from Paper Money for Children with Hearing Impairment

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Abstract: Children with hearing impairment aside from being taught academically need to acquire a set of skills, such as making dowry from paper money. This study, created a learning media to teach dowry from paper money, using video tutorials MARU . MARU tutorial video contains an explanation video about the names of tools, materials, how to make a dowry from paper money containing a sign language system and reading text so children with hearing impairment can understand the contents of MARU tutorial video. This study aims to prove the effect of using MARU video tutorials on improving the skills of making dowry from paper money children with hearing impairment grade XI. This study use a quantitative approach with experimental research methods, and using the one group Pretest-Posttest design. The instrument used is a multiple choice test. The sample in this study was seven children with hearing impairment grade XI at certain Special education school in bandung. The values of the pretest and posttest were processed and compared using the Wilcoxon Test to test the research hypothesis. The results of this study indicate that the MARU video tutorial can improve the skills of making dowry from paper money in Children with hearing Impairment. The results concluded that the MARU video tutorial can be used as a learning medium in learning to make dowry from paper money.

Keywords: Hearing Impairment, Video Tutorial, Dowry

INTRODUCTION

Children with hearing impairment have the same rights as other children, namely to get formal education such as in public schools or Special Schools (SLB) (Hernawati, 2020). Children with hearing impairment get education through guidance from teachers in special schools, therefore teachers must explore and grow the potential needed by children. Children with hearing impairment after graduating from special education will compete in the community, for example in continuing their education to a higher level or in the world of work. Children with hearing impairment to be able to compete skills that can be accepted by the community, besides being taught in the academically, the field of skills must be taught to children with hearing impairment.

Directorate of PKLK (2012) Special Education curriculum for elective skills subjects consists of culinary arts, fashion, craft, and so on. Craftsmanship is a work of art that produces an object or object that is used as a decoration or display, one example of which is a wedding dowry made of paper money (Fatwa, 2021). Craftsmanship is included in the SMALB level self-development program. (Mutiah, 2021). Dowry from paper money are skills that are taught to children with hearing impairment. The aims of teaching this skill is so that children with hearing impairment can assemble paper money into unique, beautiful, and valuable shapes (Andriani, 2019). Making dowry using paper money is one of the skills that are contested in the FL2N (National Student Competition Festival) competition which is held in 33 provinces throughout Indonesia. FL2N aims to provide space for children's creativity and potential in the arts and literature.

There are still many special schools that have not optimized craft skills lessons, one of which is making wedding dowries from paper money. Many opportunities will make a profit from making dowry of paper money. A dowry from paper money is currently a that is in great demand by most people because of its beautiful shape. Based on a preliminary study conducted by the researcher at SLB PM, for non-academic learning, there are quite a lot and various skills provided by teachers such as embroidery, baking, and so on which are given according to the needs and potential of children with hearing impairment. Observations in class XI there are 7 children with hearing impairment. In the 2013 curriculum for class XI SMALB, the basic competence is knowing how to make dowry from paper money.

Furthermore, the teacher said making dowry from paper money has competed in the National Student Art Festival and Competition at FLS2N but no students from the school had won this competition. Based on these problems, the researchers tried to create a media to teach making dowry from paper money using video tutorial learning media. According to (Mamin, 2019) a video tutorial is an audio-visual media in which it explains the process, or procedures in detail regarding a process of learning material activities. Learning media video tutorials are very suitable for the children with hearing impairment because they learn with visuals so that video tutorial, they can see how to make dowry from paper money (Nikolawatin, 2019). This tutorial video learning media will provide a clear and more detailed explanation because this tutorial video will provide a text description then there is the Indonesian Sign Language System (SIBI). The author gives the name of the learning media is MARU (Mahar Uang) tutorial video. The purpose of this study was to prove the effectiveness of using MARU video tutorials (dowry) on improving skills in making wedding dowries from paper money for deaf children in class XI.

METHOD

The method used is a quasi-experimental method. Research design used is a one-group pretest-posttest design. The subject were children with hearing impairment grade XI and totaled seven children with hearing impairment. The data collection technique used in this research is a test. This test is will understanding and ability of children with hearing impairment using MARU video tutorials to make dowry from paper money. This test is in the form of multiple-choice questions. The data processing technique used is a non-parametric statistical tool. Data will be processed by the Wilcoxon Test.

RESULT AND DISCUSSION

Results

After getting the results of the pre-test and post-test and then testing the hypothesis, based on the Wilcoxon test which was carried out on the test results of children with hearing impairment, it is known that all children have a positive difference. Ranks that are marked positive and negative are each added up and the smallest number is taken to be used as Tcount so that $Tcount = 0$. In the Wilcoxon test table the critical value for errors (α) 0.05 and $N = 7$ is 2, the results $Ttable = 2$, $Tcount = 82 > Ttable = 2$. The hypothesis proposed in this study can be accepted. It can be concluded that the MARU video tutorial can improve the skills of making dowry from paper money for children with hearing impairment. The MARU video tutorial is a tutorial video that contains the names of tools, materials, and how to make dowry from paper money, iMARU tutorial video there is sign language and subtitle in bahasa so that can make easier for they to understand the context. According to (Riyanto, 2020) Video tutorials have proven to be effective as learning media in schools because it is easier to understand the material provided. Video tutorial in learning can be used in an independent study. According to (Al Hibra, 2019) Video tutorials are a series of live images in the form of

image and sound presentations to be displayed by educators which contain material to help students understand the material to be delivered. Scores pre-test and post-test are presented in the table 1.

Table 1. Scores Pre-Test and Post-Test

Sample code	Pre-test score	Post-test score
AD	2	10
DN	4	10
HN	2	10
KK	3	10
NK	3	10
PT	1	9
TZ	5	10

Discussions

According to (Musbahar, 2019) Dowry is property given by the groom or his family to the bride or the bride's family at the time of marriage. According to (Geni W, 2014) The skill of making wedding dowries from paper money can be sold as a gift of goods needed by the prospective bride who will get married, therefore the skill of making wedding dowries from paper money can be used as the right entrepreneurial business opportunity later.

Children with hearing impairment according to (Tukimin, 2019) are children who have hearing loss which is divided into three, namely, there are mild, moderate, and very severe hearing impairments. According to (Hidayat, 2020) Although deaf children have obstacles to their hearing, they have sharp accuracy so that they are suitable in the field of vocational skills to equip deaf students in the future to be economically independent.

Before being given learning to use MARU video tutorials for learning to make dowry from paper money, children with hearing impairment know the names of tools and materials to make dowry from paper money because they have used them usually, but children with hearing impairment dont know how to make dowry from paper money. The results of the pretest of children with hearing impairment get a score that is below the average. However, after using the MARU video tutorial to learn the names of tools, materials, and how to make dowry from paper money, the results showed a significant improvement. Children with hearing impairment can do the test given and get a pretty good score on the posttest. The use of MARU video tutorials is very effective in improving the skills of making dowry from paper money for children with hearing impairment because this MARU tutorial video prioritizes the visual abilities of children with hearing impairment., This tutorial video can be repeated, and there are reading texts and sign language making it easier for children with hearing impairment to understand the contents of this MARU video tutorial. Children with hearing impairment are enthusiastic to pay attention and make dowry from paper money because the material presented on video tutorials and children with hearing impairment can repeat the material. This research, was an increase in making dowry from paper money as seen from the results of the comparison of pretest and post-test that the researchers had done. The pretest was conducted once to determine the child's initial ability about the names of tools, materials for making dowry, and how to make dowry from paper money. The next researcher did the treatment by giving video tutorials to the children which were carried out in 4 meetings. For the final assessment, the researcher conducted a posttest. At the posttest stage, the child's knowledge was determined after being given treatment. If we compare the pretest and posttest, it can be seen that there is an increased comparison of children's knowledge in the skills of making dowry from paper money.

CONCLUSSION

Based on the result of the research and analysis of the data, it is evident that there is an effect of using MARU video tutorials on improving the skills of making dowry from paper money in children with hearing impairment grade XI.

Changes can be seen from the results of tests given to children with hearing impairment before treatment and after treatment. In the test carried out before being given treatment, the child with hearing impairment did not know the names of the tools, materials, and how to make dowry from paper money. After being given treatment by giving MARU video tutorials to children with hearing impairment, there was a change in the post test results for children with hearing impairment, it was proven in the Wilcoxon test table that the critical value for the error (α) was 0.05 and $N = 7$ was 2, the result $T_{table} = 2$, then $T_{count} = 82 > T_{table} = 2$. The hypothesis proposed in this study is acceptable.

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