ICEE-2

Development of Children's Songs Using Musescore Applications in Learning Aspect of Development for Early Childhood

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Abstract. This study aims to develop products in the form of Development of Children's Songs Using Musescore Applications in Learning Aspects of Early Childhood Development. This research is a Research and Development (R&D) model of ADDIE. The product trials were conducted by two expert namely material experts and media design experts with a valid category with a percentage of eligibility 75.5 and 78% respectively so that the product was eligible to be continued in small-scale trials. A small group trial was conducted on respondents totaling ten teachers and ten students. Furthermore, to find out the effectiveness of the use of songs in PAUD, an evaluation is carried out by means of pretest and posttest. The average pretest value obtained was 63%, while the average posttest value was 82% with effectiveness based on the n-gain formula of 0.68 in the medium category. In a large group trial, the average score of the pretest respondents was 42%, and the average post-test score was 81% with an effectiveness level of 0.67 in the medium category. So, it can be concluded that the Development of Children's Songs Using Musescore Applications in Learning Aspects of Early Childhood Development as valid, practical and effective is used by Early Childhood.

Keywords: development, children's songs, musescore application, learning aspect

INTRODUCTION ~ Education in art is one approach in the role of art in education .Development song early childhood it may be only a small of efforts to academics to participate in establishing and developing aspects child development and almost no limits time in uses the media song to teach.Every child is personal the unique and have the world play and singing activity can serious but mengasyikan for children .Sound that could be increase learn children , as music soothing can affect performance the brain.Sapho (via smith and fauchon , 2001: 156 convey that , song was a style of writing an exact , even now , more tends in purport. Agustina, . et al (2018) said that some of the characteristics of the song early childhood is a rhythm to a song should be determined in early childhood is simple, rhythm , repetitions ambitus equal to the pitch range, in singing not too tricky, rhythm ,

simple melody beautiful, easy to, followed soft, the volume of used sung with a rank, common , harmony a quietly or being, his words should also be easy to be spoken, built with letters, vocal simple, and repeated.According to matodang quoted sutama, et al. ( ) 2016 the early childhood song to be in accordance with the following criteria:

1. Songs can help growth and development yourselves sons of the (, the physical aspects intelegensi, emotion and social).2. Songs departing fromThe abilities that children already have.3. Content of the song according to the child4. The language used is simple.5. The area of tone is worthAbility of the sound instrument andChild pronunciation.

The steps for making a child song in general are quoted by Agustina, et al. (2017) i.e. define a theme, create lyrics, create simple

recordings, create notation, and then create a set of scores.

Musescore is one of those apps that can be used to make it easier for someone to create songs. According to Pandu, W.W. (2018) MuseScore made a musical composition and played it with a WYSIWYG (What you see is What you get).The advantages of the application Musescore is that after making live music can be heard, can be diceak, can create scores with different instruments, and can be stored in different file types. For products that are produced in the form of a CD with 20 child song titles according to their development. The scope of development according to the age level of children according to the Permediknas No 137 covers aspects of religious and moral values, physical-motor, cognitive, language, social-emotional, and art.

The development of this song has a difference with the children's songs before. In this research the song was created using the Musescore application which generates a tone that can be directly listened to in addition to the way it makes it easy and simple. The resulting song is made in such a way as to support and hone the learning in each aspect of child development.

This research uses a very closely related science and technology scheme with the title to be researched i.e. implementing applications that use the sophistication of technology creating songs based on the needs of the analysis in the field and Implementation in accordance with technological readiness. A special purpose in this study is to develop songs using the application Musescore in the learning of developmental aspects of early childhood that is valid, practical and has a potential effect for the community and target audience.

METHOD

The research is using research & development methods. According to Sugiyono (2017:297), the Research & Development (R&D) is to produce certain products and to test the effectiveness of products in the research method. Research & Development is aimed to develop and validate the product.

To conduct evaluation activities conducted through measuring activities and then continued with assessing activities. As for the formative evaluation is the evaluation done at the time of the learning process to make repairs, according to Tessmer stages of formative evaluation there are five namely (1) Self Evaluation Researchers evaluate itself all media Designed, (2) Expert Review which at this stage the media design is given to the media experts to be validated (the result is called prototype 1), (3) One-to-One Evaluation of the revised media design tested to three children as a target population representative (The revised result is called Prototype 2), (4) Small Group Evaluation on the implementation of the

learning process, the child will be re-observable into several groups to see and directly assess the behavior or process of a learning with Using game media with prototype 2, (5) The Test Field at this stage the result of prototype 2 is re-tested on all children in the class to see its effectiveness. Researchers use Tessmer's formative evaluation to answer the validity and practicality of the developed game creations. However, because of the limitations of researchers then researchers will examine only until the small-spotted group.

RESULT

Early Childhood song development may be only a fraction of the efforts of academics to participate in building and developing aspects of child development. Likewise researchers, through the discussions and results of the development of this research, researchers tried to donate a little thought to help the children's music observers in the process of creating children's songs.

Product Test	Test large groups	Postest value	Level of effectiveness
67,88%	44%	85%	0,69 (sedang)
70%			

So, it can be concluded that the song development using the Musescore application in learning aspects of early childhood development as a guideline in implementing and designing songs for early Childhood.

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