

# An Easy Drawing Technique with Numbers for Primary Education Students

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**Abstract:** The purpose of this research was describing expert judgment in teaching media, practitioners, and students' response to an easy drawing technique with numbers for elementary school. This research used qualitative method. The data collection used interviews, questionnaires, and analysis guidelines. There were 2 specialists in the teaching media, 2 practitioners or teachers, and 23 students of SD Supriyadi Semarang as a subject of the research. The data validity was tested using triangulation techniques. The data analysis of the students' responses used Guttman's concise. The research found that an easy drawing technique with numbers for elementary school got positive responses from specialists in the teaching media around 90,3 %, 80% from teachers, and 86,9 % from students' responses. The module of an easy drawing using number implication for children. It helps children to draw easily and increase their imagination to learn drawing.

**Keywords:** drawing, numbers, students, primary education

## INTRODUCTION

Drawing is a popular activity for primary school students. As we know that doodling is part of a child's motor development. According to Affandi (2004), a child's art experience is a part of their life. Their passion for the world of drawing can be an opportunity for teacher to use drawing techniques in teaching. With these techniques the teacher not only transfers all material on the subject, but also an opportunity to come to their world. They will motivated to learn more, when they learning in their passion. However, the condition is not in keeping as expectation.

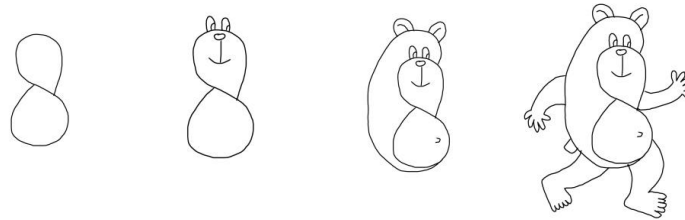
Based on the observations in the 3rd grade SD Supriyadi Semarang, the students' picture theme scenery still had the same in character, shape, and composition. During the observation, the teacher asked students to draw theme scenery without being set an example. The students could draw it as their creativity. The result, from 35 students there were 28 drew a landscape of mount, 6 students drew beach, and 1 student drew a house. Based on data, it means that 80 % of students still drew scenery with the mountain. A sample of the scenery can be viewed as shown below.



Picture 1. The students' picture

The students' reason that why they drew mountains such as; the mountain image is easier to draw, it matches with the students' view, and the teacher only taught it. Based on the condition above, the students' major problem was the lack of skill in drawing forms. One way that can help the students in drawing shapes is drawing techniques using numbers. Drawing on basic numbers would make it easier for students to drawing something, such as the number 2 can be

used to draw the swam. While other numbers could form into various forms of pictures. For example, the number 8 could be decorated like a picture of a bear. How to make it visible in the image below.



**Picture 2.** drawing technique using number 8

There were 27 drawing techniques using numbers in this research. It used number 0 until 9. Each number could be used to make 3 shapes. The picture of the shapes produced includes; animals, plants, objects, fruits, flowers, buildings, and others. This drawing technique was packed into modules equipped with a foreword, table of contents, learning how to draw and coloring, as well as worksheets. The module consists of 65 pages.

As we know that every child loves to draw, but sometimes they faced difficulty when they start drawing something. The teachers in primary education should be a facilitator to develop their potency in art. The child should have an art skill because it helps them to reveal the feeling and ideas about their self and environment (Pamadhi, 2014). In other research, (Afriza, 2017) tried to apply animation media to increase the students' ability in drawing cartoon illustration. The subject of his research at 5 grade at SDIT Al-Fityan School Medan T.A. Based on the result shown that students' ability in drawing cartoon illustration increased. The average of posttest in experiment class 80,5 was higher than posttest 45,4. It means that animation media could help students in drawing.

Based on the discussion above, the researcher provides a module to guide the children drawing easily. The module gave to expert judgment in teaching media, practitioners, and students then got their response.

## METHOD

This research using qualitative method. This research was describing a specialist in the teaching media, practitioner, and students' response to an easy drawing technique with numbers for elementary school. The subject in this study was 2 specialists in the teaching media, 2 practitioners or teachers, and 23 students of SD Supriyadi Semarang. The research instrument used a questionnaire sheet which is comprised of 15 questions.

**Table 1.** Questionnaire Sheet

No	Questions	Answer		Comment
		Yes	No	
1	The outward of module of to an easy drawing technique with numbers interesting for children			
2	Module an easy drawing technique with numbers have an easy instructions to understand			
3	The illustration image of an easy drawing technique with numbers appropriate to child characteristics			
4	The illustration image of an easy drawing technique with numbers understood by children easily			
5	The language on module understood by children easily			
6	The module provide drawing exercise sheet and understood by children easily			
7	Drawing technique in module make children can draw easily			
8	Drawing technique in module increase children creativity to drawing			
9	Drawing technique in module increase the child's imagination in learn drawing			
10	Steps on module understood by children easily			
11	Images on module can help children to learn colouring			
12	The module can apply for kid garden, elementary school, and junior high school			
13	The teachers can use the module to teach drawing			
14	The module suitable as the material in primary education			
15	The module worth for publicizing			

The data analysis of the students' responses used Guttman's concise. To calculate its percentage using formula as follow:

$$\text{Percentage (\%)} = \frac{\text{Number of Answer "Yes"}}{\text{Maximum Score}} \times 100\%$$

The drawing techniques using numbers get a positive response when the percentage of evaluation  $\geq 60\%$  (Riduwan, 2012).

## RESULTS AND DISCUSSION

Based on the research, there was the result of the response calculation response to an easy drawing technique with numbers for primary education students.

**Table 2.** The result of respondents' response to an easy drawing technique

No	Respondents	Answer			
		Yes	Percentage	No	Percentage
1	expert judgment in teaching media	14	90.3%	1	9.7%
2	Teachers	12	80%	3	20%
3	Students SD Supriyadi	456	86.9%	69	13.1%

Based on the data above, the average respondent responds to an easy drawing technique with numbers for primary education students more than 61%. It means that the module of an easy drawing technique with numbers got a positive response.

Based on the questioner result, 32 respondents acquiesce that the outward of the module of an easy drawing technique with numbers interesting for children, but 5 students did not agree. While, module an easy drawing technique with numbers have an easy instructions to understand approved by 31 respondents and 6 respondents disagree. There were 32 respondents who approved that illustration image of an easy drawing technique with numbers appropriate to child characteristics, but 5 respondents disagree. Then, 33 respondents approved that illustration image of an easy drawing technique with numbers understood by children easily, but 4 respondents disagree.

There were 32 respondents approved that language on module understood by children easily, but 5 respondents disagree. While, there were 36 respondents who approved that the module provides a drawing exercise sheet and 1 respondent disagrees.

The other questioners about the benefit of the module an easy drawing technique with numbers got a positive response from respondents. There were 30 respondents approved that module make children can draw easily, and 7 respondents disagree. 39 respondents approved that module increase children's creativity to draw, and 8 respondents disagree. 34 respondents approved that module increase the child's imagination to learn drawing, and 3 respondents disagree. There were 32 respondents approved that steps on module understood by children easily, but 5 respondents disagree. While, 31 respondents approved that images on the module can help children to learn to color, and 6 respondents disagree.

While, correspond the module with embalming material got a positive response from respondents. There were 36 respondents approved that module can apply for kid garden, elementary school, and a respondents disagree. Then, 32 respondents approved that the teachers can use the module to teach drawing, and 5 others disagree. The module corresponds with visual art subject in primary education approved by 35 respondents and 2 respondents disagree. Afterward, module worth publicizing approved by 31 respondents and 6 respondents disagree.

Based on the judgment Riduwan (2012), module claimed positive respond when the percentage of evaluation  $\geq 60\%$ . Whereas, all respondents which consist of lectures, teachers, and students gave a positive response. The percentage of response was lecturers 90,3%, teachers 80% and students 86,9%. Based on the result, module an easy drawing technique using number be avowed positive respond.

According to Sumanto (2006), drawing is different from painting. Drawing is not free than paint, because the freedom of expression and casting ideas tend to be precision of form, motives, size, proportions, clarity and natural color impression. The module an easy drawing technique using number provide steps on how to draw easily, drawing exercise sheets, so children can draw with correctly shape, motives, size, proportions, clarity, and coloring.

According Lowenfeld in Sumanto (2006) explained that stage of drawing creativity development of children that is; 1) scratch stage around 2-4 years old; 2) pre-schematics period around 4-7 years old; 3) schematics period around 7-8 years old; 4) pre-realism dawn around 9-11 years old; and 5) realism period around 11-13 years old. The module of an easy drawing technique using number be planned to increase children drawing skill as them growth in primary education. Children classified as in primary education are kid garden, elementary school, and junior high school. The following is a sample drawing technique which a part of the module.



**Picture 3.** Steps how to draw a Cat using number 0

The picture 4 above is a part of the module. There is a step on how to draw a cat using number 0. It could help children in 3 stages of drawing creativity; pre-schematics period around 4-7 years old, schematics period around 7-8 years old, and pre-realism dawn around 9-11 years old. When children completed number 0 to be ahead and body of the cat, it helps them to drawing with schematic technique. Last, a cat which made by number 0 is in categories pre-realism picture.



**Picture 4.** Complete the picture help children in schematics period

Children in the schematics period have high thinking, so they can draw as them expression correctly. Completing pictures and coloring enables children to train their powers of imagination and expression.



**Picture 5.** A sample Picture theme wild animal using number 8 for children in pre-realism dawn

Children have good observation already in pre-realism dawn. Their work art begins propositional and used ratio already. So, this module completed by some realism picture samples and drawing exercise sheets.

## CONCLUSIONS

Based on data research can be concluded that module an easy drawing technique using number got a positive response from lecturer 90.3%, teacher 80%, and students 86,9%. Teachers and parents should create more in guiding their child drawing development. This module helping the child in motoric development. The module of an easy drawing using number help children to drawing easily and increase their imagination to learn drawing. It can apply for kid garden, elementary school, and junior high school.

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