

Tenses Educational Game Card Design

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Abstract. Learning English with tenses material is difficult for students to remember. Learning media that are commonly used during the learning process are in the form of books or modules. Therefore, the purpose of this research is to make learning media in the form of tenses educational game cards so that students learn tenses material more easily to understand and the learning process is more enjoyable. This study uses a qualitative method, with a descriptive observation research model. The population was taken from junior high school students using observation, interview and literature study methods. The results show that there are differences in the learning media used by the teacher with the help of learning media in the form of textbooks or modules compared to Tenses educational game cards. So that the learning process is more enjoyable

Keywords: Card Game, Education, Tenses.

1 Introduction

Corona hit the whole world, so all activities cannot be carried out freely. All activities must comply with health protocols so that the Corona virus does not spread further. According to the Covid-19 Handling Task Force [4], (8 April 2022) the number of people who died from Covid-19 in Indonesia based on confirmation was 155,509. Since the outbreak of the Corona-19 virus until the data obtained above, all learning activities are still being carried out online. So that students do not get direct learning from 2020. All students get the learning process [8] from online teachers using various methods. The methods given by the teacher so far are generally carried out conventionally or by watching videos. Conventional methods make the learning process tedious while the process of making learning media [13] with videos will require quite a lot of time.

Learning English is learning that often faces obstacles by someone who lacks or does not understand tenses material [3], [7], [12], [14]. This statement is confirmed by Nofriani (Megawati 2019) regarding learning English, especially about tenses. "Tenses material is less preferred than Indonesian language subjects, as a result learning English as a second language always experiences obstacles in understanding the nature of tenses." So that learning tenses does not experience problems, interesting learning media is needed. Learning media is a tool in the learning process to stimulate thoughts, feelings, attention and abilities or learning skills of students so that they can increase enthusiasm for learning (Tafonao, 2018: 106). There are no card games made by researchers that contain tenses with up to 16 formulas and UNO playing card media [1], [15], [17]. Previous research still uses one of the Tenses formulas while this research uses 16 formulas.

Visual media [2], [5] are media that can be seen (Putri Novita Sari, et al, 2012:2). Learning media in the form of educational game cards [1], [6], [9], [11] are thick paper in the shape of a rectangle and decorated with pictures as an intermediary between students and learning resources to condition a person to learn. The learning media created is in the form of Tenses educational game cards which can help someone to better understand Tenses material during a pandemic. To overcome the problem of the learning process during a pandemic where learning is carried out at times that can make someone bored, an educational Tenses game card is needed. Educational tenses game cards are designed [4], [15] in an interesting way to make playing cards more fun.

2 Research Methods

This research was conducted in the city of Medan with a random sample, namely meeting people around. This study uses a qualitative descriptive research method with interview techniques, observation and literature study. Where information for conducting research is obtained based on face-to-face question and answer regarding obstacles or problems in learning English with tenses material. After collecting the results of interview data, observation and literature study, the researcher designed the concept of tenses educational game cards. There are 2 stages in making this card, namely: 1) preparing the Tenses material to be poured on the card and 2) designing a game card

3. Result and Discussion

The results of this research are in the form of Tenses educational game cards which are learning media that are more fun and effective to use compared to learning media books, modules and videos. So that the learning process and students' understanding by using

educational game cards is better. This Tenses educational game card with a total of 100 cards. Each card has a color, namely Green, Red, Blue and Yellow. This Tenses educational game card also has a guide to answering Tenses material. Tenses educational game cards can help someone to better understand Tenses material where Tenses material in Tenses educational game cards has 16 types of Tenses. This Tenses educational card game can be played by 2-10 people. The following details the contents of the Tenses educational card game:

Table 1. Explanation of the contents of the Tenses Educational Game Card

No	Information	Amount Card	Amount Colour
1	Definition of 16 Types of Tenses	16	4
2	Formula 16 Tenses	16	4
3	Verb/ Verb	40	4
4	Sign Direction	8	4
5	Sign Stop	8	4

In making this Tenses educational game card, there are several stages. The following is a step-by-step process for designing a Tenses educational card:

3.1 .Design Card Game Tenses Education

3.1.1 .Strategy design

In making this Tenses Educational Game Card, the research team will do research first to several people to find out the problems in learning tenses. The process of obtaining this information was done by interviewing several people who were around 12 years old and over. After the information is collected, then collect material about Tenses from several references, then determine the concept of the design of the Tenses educational game card which is expected to later be used as an interesting learning medium and can foster enthusiasm for learning about Tenses material. The research team conducted design observations on existing and frequently used playing cards. The research team designed the Tenses educational game card, which made the packaging and cards attractive. effectively and through a fun game way.

3.1.2 .Concept design Card Game Tenses Education

Here below _ this a number of part draft about Card Game Education Tenses :as following :

- a. Packaging Card Game Tenses Education
 - 1) Specification Packaging
This package is made in a rectangular shape. The Tenses Educational Game Card measures 9 cm x 6 cm x 3 cm. The type of packaging material used is typewriter paper with a thickness of 260 gsm..
 - 2) Design Packaging
On design the front of the packaging (*cover*) the author uses the concept by displaying the *style* (style) with the inscription "TS UNO" with every letter using 2 (two) colors (Yellow and Blue ; Blue and Red , Red and green) and there picture card game on the front cover with color Red , Blue , Black , while the back of the packaging is also use the words "TS UNO" to to side packaging . Color base on design packaging card that is color black for more elegant
- b. Design Card

1) Card Design

Card making uses the UNO card style with different basic colors on several cards, the basic colors used are Red, Blue, Green, Yellow and Black. In the middle of the card is the core or content of the game. The core or content of the game is given a background image and color. The number of cards made is 100 cards. The size of the lartu is made as large as 5 cm x 8.5 cm. The type of card material used is typewriter paper with a thickness of 260 gsm.

2) Letter

The letters used in making this card are Lucida Bright Font and Microsoft New Tai Lue.

3) Color

Use of color on cards game this tenses education use some colors are red, blue, yellow, green, white and Black

3.1.3 Layout Design Packaging (Box) Card Game Tenses Education

Design packaging (box) card game Educational Tenses with layout as following :

Description :

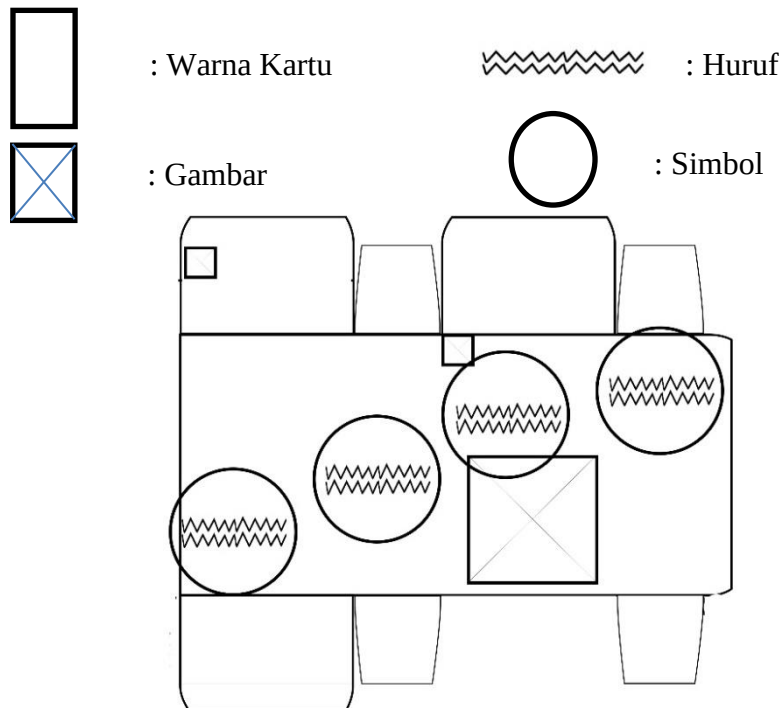


Figure 1. Packaging Layout

3.1.4. Layout Design Card Game Tenses Education

Under this design cards game Educational Tenses with layout as following :

Information:

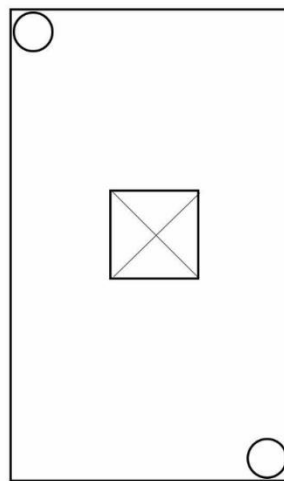
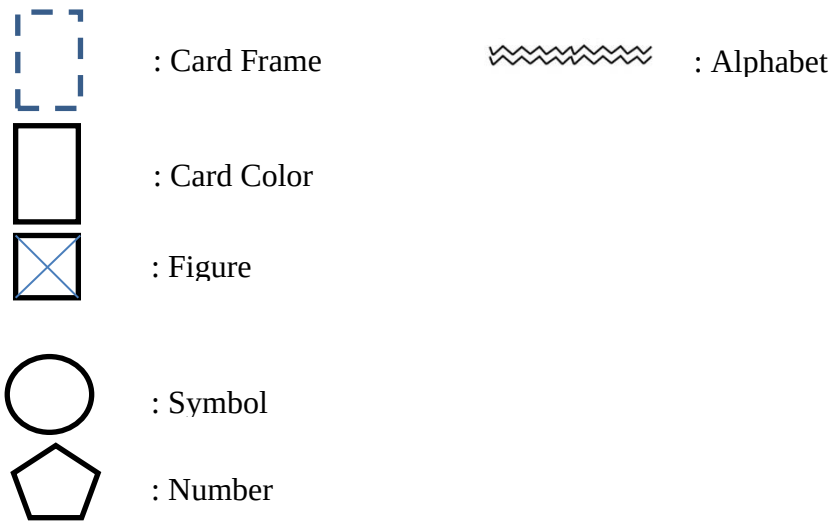
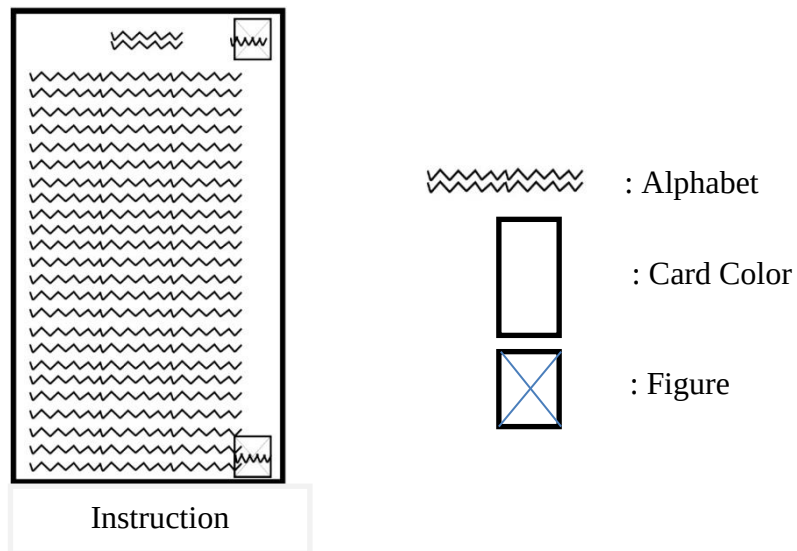


Figure 2. Game Card Layout

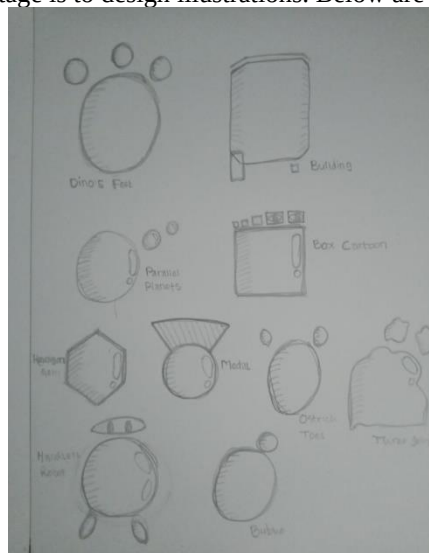
3.1.5 Layout Design Guide Card Game Tenses Education

Under this design guide card game Educational Tenses with layout as following :



3.1.6 Design Illustration

The next stage is to design illustrations. Below are some illustration designs:



3.1.7 .Stages Implementation Card Game Tenses Education

After To do a number of Step Research Team design next To do Step application for making card game education Tenses . Stages this carry out the manufacturing process card Tenses education with use Adobe Photoshop CS 6 application . Here below this is a manufacturing process card game Tenses education with use Adobe Photoshop CS 6 application :

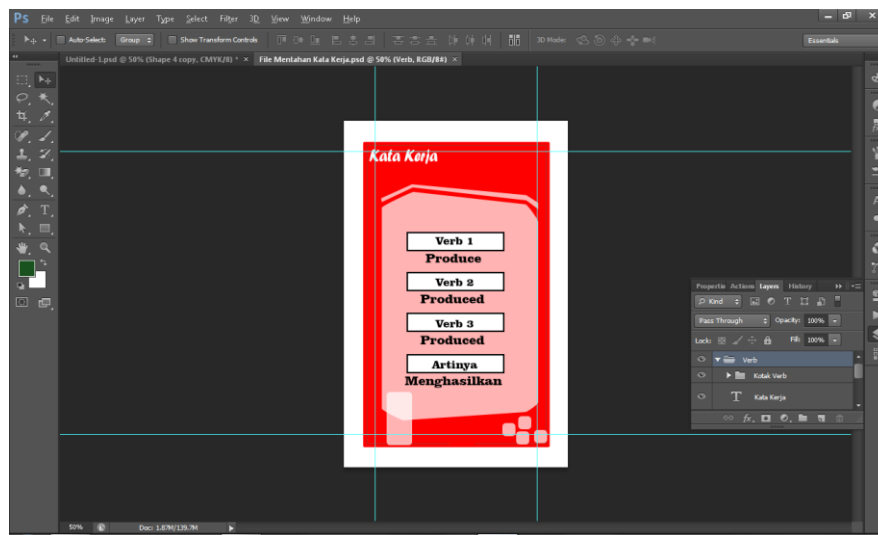


Figure 5. Verb/Verb Card Making Process

3.3. Printing Process

After through Step designing card game education Tenses stages next is print card . Card printed with use paper Type 260 grams.

3.4 Card Visual Display Game Tenses Education

After going through the manufacturing stages above, here is a visual appearance of the design of the card game Tenses education :

Specifications :

Name	: Tenses Card
Material	: Paper tik
Thick Paper	: 260 grams
Size Packaging	: 9 cm x 6 cm x 3 cm.
Size Card	: 5 cm x 8.5 cm
Fonts	: Lucida Bright Font and Microsoft New Tai Lue .
Amount Cards	: 100 pieces



Figure 6. Tenses Educational Card Game



Figure 7. Complete Tenses Educational Card Game

4. Conclusion

This tenses educational game card is based on the UNO card game that is usually played by children. This Tenses Card is more complete than the previous research by using 16 types of Tenses. It is hoped that with this Tenses educational game card it can help someone or students in understanding or using Tenses

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References

- [1] Anche Sundang Setiani. 2013. *Development of the Uno Plus Card as a Learning Media for Plantae Subjects in High School Biology Subjects*. Jambi: Jambi University
- [2] Angraini, Lia., Natalia, Kirana. 2018. *Design Communication Visuals : Basic - Base Guide For Beginner*. Bandung: Shades
- [3] Asmarani.A.U, 2007, The Effectiveness of Using Flashcards in Teaching Simple Present Tense at the Eighth Grade Students of SMPN 2 Simpang Empat Karo, Tesis, Sanata Dharma University, Yogyakarta
- [4] Covid-19 Task Force. 2020. Covid-19 infographic (8 April 2022). The article was downloaded from the <https://covid19.go.id/> page accessed on October 28, 2020, at 20:22.

- [5] EF Education First , 2020 , Tips for Mastering 16 English Tenses , Article downloaded from <https://www.ef.co.id/englishfirst/kids/blog/tips-menuasai-16-tenses-Bahasa-Inggris/>
- [6] Hendratman, Hendi. 2017. *Computer Graphic Designs: Edition Revision 3rd* . _ _ Bandung: informatics .
- [7] Hendriyana, Husen. 2019. *Nirmana's Basic Forms: Principles and Fundamentals of Art Visual*. Yogyakarta: Andi.
- [8] Hermawan. Adytia Dwi, 2015, *Development of Educational Game Cards for Knowledge of Sports Branches in Class XI Students of SMA Negeri 1 Parakan in 2015* . Semarang: Thesis of Semarang State University
- [9] Kurt, R., Squire, K. & Jenkins, H. (2004). Harnessing the power of games in Education, *Insight*, vol. 3, pp. 5-33
- [10] Megawati, E. (2019). *The Use of Peer Teaching Learning Model in Teaching Tenses to EFL Students*. *DEIKSIS* , 11(01), 39-50.
- Parisuthikhan. M, 2018, *The Development Of –ED Ending Verb Pronunciation Of Ninth Grade Students Using –ED Ending UNO Game Card*, English Language Teaching Language Institute Thammasat University
- [11] Prastowo, Andi. 2018. *Learning Resources and Learning Centers: Theory and Its Applications* . Depok. Prenadamedia Group
- [12] Putri Novita Sari, et al. 2012. *Picture Cards and Achievement Trees in Learning to Read Javanese Script* . Surakarta: PGSD FKIP-Sebelas Maret University
- [13] Rastegarpour .H, Marashi . P, 2012, The effect of card games and computer games on learning of chemistry concepts, *Procedia - Social and Behavioral Sciences* 31 (2012) 597 – 601
- [14] Sebastian. Ting. Etc. 2014. *The Design of Card Game as a Media for Introduction of Wayang Characters Based on the Ramayana Story* . Journal of DKV Adiwarna Vol 1 (No 4)
- [15] Suri, Pure. 2020. *Teaching of Tenses Materials Through Students To Students And Teacher To Students Method Teaching Of Tenses Materials Through The Students To Students Method And Teacher To Students Method* . Journal of Education Science (JES). Vol6 (No 1)
- [16] Tafonao, Talizaro. 2018. *The Role of Learning Media in Increasing Students' Interest in Learning* . Journal of Educational Communication. Vol 2 (No. 2), 106.
- [17] Ulina . JE and Syawani Umar. 2013. *Savi's Learning Model in Learning Simple Present Tense Class VIII SMPN 2 Nanga Pinoh* . Sumarni Post Graduate, FKIP Tanjungpura Umniversitas, Pontianak. Journal of Equatorial Education and Learning Vol 2 (No 4)
- [18] Wibowo, Ibn Teguh. 2015. *Learn Graphic Design How To Quickly Learn Graphic Design Easily* . Yogyakarta: Notebooks.
- [19] Yunanto. A. A., 2019, *English education game using non-player character based on natural language processing*, *Procedia Computer Science* 161 (2019) 502–508