



Development of Hanzi Radical Learning Media Xīnzìpáng for Students

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Keywords

Abstract

Media development, Pull the Tab, radical hanzi “丩 xīn”

This research was conducted based on the results of observations which showed that hanzi learning media for Chinese Language Education students at Semarang State University needed the development of creative and innovative hanzi learning media. The objectives of this research are 1) to describe the results of the needs analysis of radical hanzi learning media “丩 xīn” for Chinese Language Education students at Semarang State University, 2) to describe the results of the prototype of radical hanzi learning media “丩 xīn” for Mandarin Language Education students at Semarang State University, 3) to describe the results of expert validation of radical hanzi learning media “丩 xīn” for Mandarin Language Education students at Semarang State University. The results of validation of learning media by material experts obtained an overall average score of 87, which was included in the score of 4. And the results of validation of learning media by media experts obtained an overall average score of 87.5, which was included in the score of 4 with the category very feasible to use with some improvements so that the media will be better and maximally used.

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P-ISSN 2528-5734

E-ISSN 2715-1611

INTRODUCTION

Semarang State University is a university located in Semarang, Central Java. Semarang State University has various faculties and programs. One of them is the Chinese Language Education program. (fakultas Bahasa dan Seni, 2021). In the Chinese Language Education program, learning Hanzi is one of the main focuses for elementary students. Hanzi can be learned through various effective learning methods and strategies. Each Hanzi has a radical as a clue to its meaning to make it easier to learn Chinese characters. Radicals in each hanzi give a meaning or basic meaning to the written Chinese characters. (Dyah Tjaturrini, et al. 2021).

According to Adji (2022) Radicals are pictographic letters (pictographs) used as the basis of mandarin characters, and these radicals can be combined with other characters that form new meanings but are still related to the radical itself. The radical in mandarin is 部首 bù shǒu. Each mandarin character is classified by a radical. The number of strokes varies from one to 17 strokes. There are about 214 radicals in Chinese characters and the most commonly used radicals in Mandarin are about 52 radicals.

This research uses the hanzi xin radical “xin 忄 ” on the left side of the character or 竖心旁 (shù xīn páng) to develop learning media for the hanzi radical “xin 忄 ”. The radical “xin 忄 ” consists of 3 strokes that have meanings related to the heart or feelings such as 悵 chàng (despair), 忙 máng (busy), 恨 hèn (hate), 怵 chù (fear), 恼 nǎo (anger).

Learning hanzi requires the use of appropriate learning media. Learning media is anything that can be used to engage students' thoughts, feelings, attention, and skills or abilities in teaching and learning activities (Ekayani, 2019). Learning media can be in the form of books, computers or learning applications. One of them uses Pull the Tab learning media.

Researchers chose Pull The Tab learning media for research on Radical Hanzi “忄 ” xīn Learning Media Development because this media is less explored and there are still few studies that discuss Pull The Tab learning media. Pull The Tab learning media is one type of interactive learning media used to support the learning process. Pull The Tab learning media is in the form of a book equipped with tabs that can be pulled to open certain parts of the Figure or writing contained in it. The use of Pull The Tab media can improve memory because the media is more interactive and entertaining (Dyah Tjaturrini, et al. 2021).

Based on the above background, the author will conduct research entitled "Development of Radical Hanzi '冫' 'xīn Learning Media for Students of Chinese Language Education Study Program at Semarang State University".

METHOD

This research is a type of research and development (R&D). According to Sugiyono (2018) research and development or Research and Development (R&D) is a development research method used to design, produce and develop products through the process of planning, production, and evaluating the effectiveness of the products produced.

RESULTS AND DISCUSSION

This research goes through several stages in producing products in the form of Pull The Tab books made and printed using ivory paper which has a size of 17.5 cm for paper width and 25 cm for paper height. The steps taken before designing the product are to collect data from several sources to find out the data on the needs of Pull The Tab learning media development. The data that has been collected is then used as a basis for developing Pull The Tab learning media, especially in making the design and content of the book.

Pull The Tab learning media is made using white ivory paper. Researchers made the book design first and then printed it using ivory paper. The researcher used ivory paper to print the book design because it has a slippery and thick side. Researchers arranged 7 radical hanzi vocabularies “冫 xin” on each sheet of paper consisting of pinyin, hanzi, and meaning. The learning media in the form of a book contains tabs that can be pulled or pushed so that it can bring up Figures or text that changes from its previous form after moving the tab. The vocabulary writing uses Times New Roman font for pinyin, hanzi, and meaning.

Pull The Tab Media Display Design Results



Figure 1. Front and back cover display

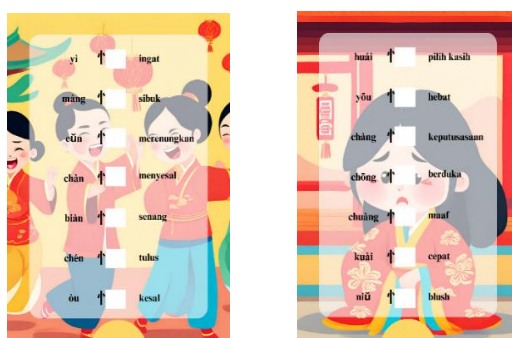
The media prototype design that has been produced by researchers and has been validated by material experts and media experts is then improved in accordance with the input and suggestions from the experts. From the input and suggestions of the experts, there are several suggestions and improvements from the material aspect and media aspect.

Media Revision Result

The material expert gave advice, namely on the background of the Figure design to add one layer so that the writing can be seen more clearly and contrast. The following are the results of the media that have been improved based on suggestions from material experts.



Figure 3. Book display before revision



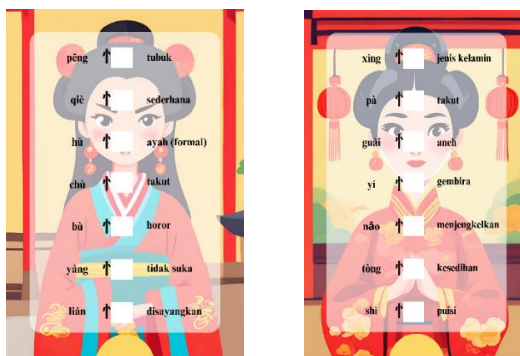


Figure 4. Book display after revision

Material Revision Result

The media expert provided input for the translation of the hanzi “peng” from the word tubuk to be corrected to dag dig dug so that readers can understand easily.

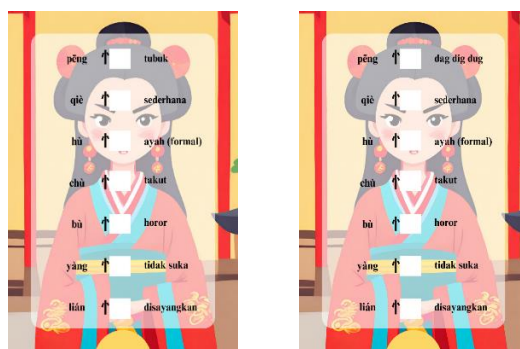


Figure 5. Display before and after material revision

CONCLUSION

This research uses the Research and Development (R&D) method in the form of observation, interviews, and questionnaires. Research on the development of Pull The Tab learning media to improve understanding of hanzi radical “丿 xin” is needed as a support in learning hanzi radical “丿 xin”. The prototype of Pull The Tab learning media that researchers have produced aims to increase students' understanding and interest in learning hanzi “丿 xin”, which researchers can develop based on the results of the needs analysis.

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