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### WORDWALL INTERACTIVE GAME MEDIA IN NATURAL SCIENCE LESSONS FOR CLASS V PRIMARY SCHOOL

Diyar Sugiarti Postgraduate Primary Teacher Education Indonesia University of Education

International Conference on Primary Early Childhood Education (ICPECE) 2023



The 5th International Conference on Primary and Early Childhood Education

**ICPECE 2023** 

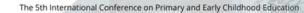
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# INTRODUCTION

Science teaching and learning activities require a medium to help continuity in the learning process in order to help students understand the lesson materials that have been presented, as well as involve students to be active in the learning that is being studied

For this reason, educators should strive for a process in science learning that is creative, effective and enjoyable so that the learning facilities can be more conducive and concentrating.

One form of effective effort made to make science content interesting to study is developing websitebased interactive learning media that is tailored to the basic needs of the learning material.



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# INTRODUCTION

The learning media that will be created is website- based learning media. One of the web applications circulating on the internet is the Wordwall web application. The wordwall web application was chosen because using this application is quite easy and can be accessed by students easily

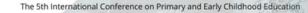


# METHOD

This research is a type of research and development, especially research that aims to develop interactive game media based on the hardwarebased Wordwall web application. Temperature and Heat in class V science subjects. Researchers used the ADDIE model in this research.

the ADDIE model has five development stages, namely analysis, design, development, implementation and evaluation.

The results of short interviews with students resulted in the fact that teaching the concept of Temperature and Heat contains many terms that are not yet understood, relies on textbooks, and the media is monotonous or boring.

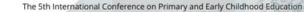


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## **RESULT AND DISCUSSION**

The results of research on the media used by fifth grade teachers at SDN Panyutran in learning science using Wordwall as learning media, learning materials and assessment tools for teachers and students

Wordwall also provides several examples of teacher creations that can help new users get creative. This learning media can also be understood as a web application that is used to create fun puzzlebased games. Additionally, Wordwall can also be used to design and review learning assessments.



## **RESULT AND DISCUSSION**

#### Worwall Game display

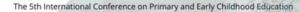
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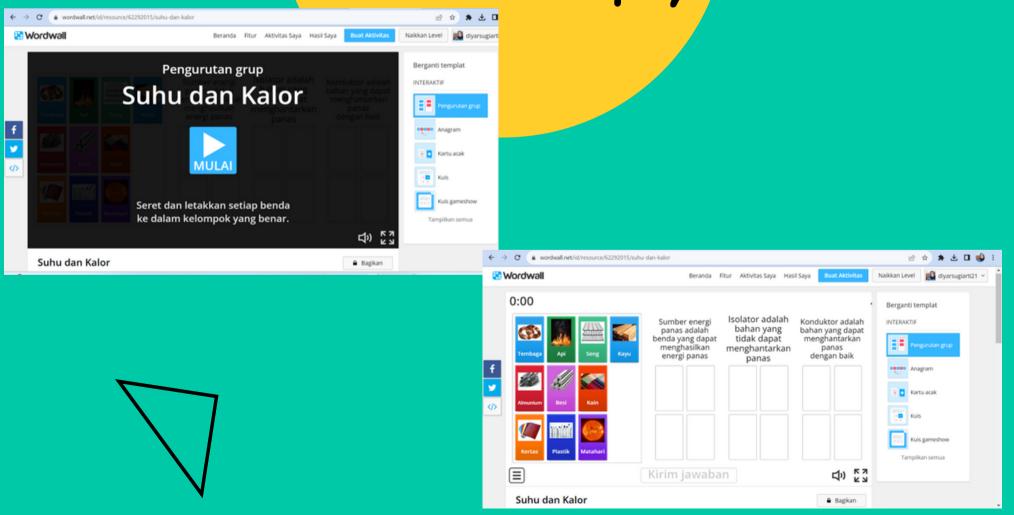
# **RESULT AND DISCUSSION**

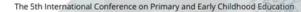
#### Worwall Game display

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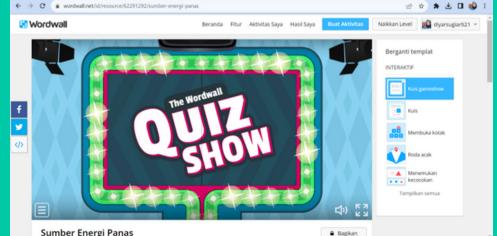
### **RESULT AND DISCUSSION** Worwall Game display





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### **RESULT AND DISCUSSION** Worwall Game display

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## CONCLUSION

Development of interactive game learning media based on wordwall web applications for science subjects Temperature and Heat material developed for class V elementary schools using the ADDIE development model which has 5 stages in it, namely (1) The analysis stage is the stage where researchers carry out real analysis of real conditions experienced by the object of analysis, in this case the fifth grade elementary school students regarding problems in learning, especially learning about temperature and heat.





