



## **IMPLEMENTATION OF IMPROVING ENGLISH LANGUAGE ABILITY WITH KHODAM (KOGNITIF, DEMONSTRATIF, MANDIRI) BASED ON INFORMATION TECHNOLOGY**

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Article info	ABSTRACT
<p><i>Corresponding Author:</i></p> <p>Asef Wildan Munfadhila  <a href="mailto:acheif90@gmail.com">acheif90@gmail.com</a>            Universitas Bina Sehat            PPNI Mojokerto</p>	<p>In the current era of globalization, English language proficiency is a critical requirement, particularly for individuals who aspire to enhance their competitiveness in the job market or education sector. Nevertheless, numerous individuals continue to encounter challenges in obtaining the necessary resources to effectively acquire the English language. The objective of this community service activity is to enhance multimedia-based English skills by providing innovative, interactive, and intensive training. This program is intended to establish an engaging and accessible learning environment by incorporating multimedia technology, including interactive videos, computer-based simulations, and learning applications. An introduction to multimedia tools, ongoing mentoring, and direct training sessions comprise the implementation method. The activity is intended for the general public, which includes students, laborers, and housewives, who require assistance in enhancing their English communication abilities. The improvement of participants' abilities is assessed through initial and concluding tests. As well as participants' motivation to learn, the outcomes of the activity demonstrated substantial enhancements in their English listening, speaking, reading, and writing abilities. Consequently, this program significantly enhances the English language proficiency of the community by employing a multimedia-based methodology.</p> <p><b>Keywords:</b> <i>English skills, multimedia, community service, interactive learning.</i></p>
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### **INTRODUCTION**

Education is one of the basic needs for humans. There are many lessons taught to the Indonesian people from elementary education to college level. However, in the learning process itself, sometimes there are weaknesses. This can be seen from the facilities and infrastructure in areas that are quite far from the capital. The facilities and infrastructure obtained by students in the regions are different from the facilities and infrastructure obtained by students in big cities. As a result, the knowledge of children who have an educational background in urban areas usually has a gap with children in the regions. This gap will be even more apparent when they enter college (Ngoc et al., 2020) .

It should be realized that technology is currently developing very rapidly. Technological developments also affect several things. One of the most affected is education. The importance of learning a foreign language has also been conveyed by one of the world's philosophers from Germany, Johann Wolfgang von Goethe who stated, "Those who know nothing about foreign language, they know nothing about their own". The implied thing from Goethe's statement above can be interpreted as the importance of learning another (foreign) language besides the mother tongue. Referring to this, and seeing the condition of technological development, mastery of a foreign language is also needed. One of the most important foreign languages in the world is English. This language is a lingua franca, a language in the world that has the most speakers. Thus, if you have the ability to speak English, it will increase your chances in the future to compete for a better life. (Macgilchrist et al., 2020) .

Basically, language learning is related to communication lessons. These communication lessons are then linked to oral or written lessons in the world of education. As a means of communication, language has several functions which are then shown in several meaningful contexts. The main target in this oral communication itself is so that the interlocutor is able to understand the culture of the speaker (Nordl f et al., 2022) .

The rapid development of technology and its influence in various fields of life. Therefore, knowledge is not only given in school but must also be given in the community environment in areas where education is inadequate. The benefits and usefulness of knowledge, especially in the field of English language knowledge, have undeniably changed the way various activities work in almost all fields of life. One measure of the usefulness of English in everyday life can be seen from the development of the tourism sector which is increasingly in demand by tourists from abroad. The rapid development of technology today has a major impact on environmental damage that occurs on planet earth. The discoveries created by humans have a purpose that tends to make their lives easier. However, the materials they use for these discoveries come from nature such as trees, rocks, and water. As a result of the use of these raw materials, it causes pollution that endangers the earth's atmosphere. This means that the more human innovation develops, the more dangerous our environment is (Mar n-Suelves et al., 2022) .

As one of the compulsory subjects, English has been introduced to children as early as possible. However, different teaching methods are one of the shortcomings that make this subject less popular. One way to overcome this is to develop learning methods through a combination of teaching in and out of class. For example, this method is to carry out the learning process in the wild, for example in the field or in the rice fields (Burrows et al., 2021) .

In the learning process, media is one of the things that greatly influences students' learning styles. One of the media used in the English learning process is the internet. Using the internet as a medium has been done by several parties, one of which is Sunardi (2011). In his paper, the internet is used as a medium for learning English because it is considered that the internet is able to make learners practice real communication. This is in line with the opinion that computers can also help the English learning process. Meylina has carried out this activity. According to the results of the activities she has carried out, this method is also quite effective for students to overcome boredom in learning (Purohit et al., 2022) .

Elhazima Cerdas Cendekia Foundation Mojokerto was chosen as the place for community service activities because according to observations made, the teaching methods implemented in schools still use traditional methods. Likewise with English lessons at the elementary school level. Teaching that is always done in the classroom often makes them bored and tired. After going through observations, the natural conditions that are quite beautiful can be a support for the learning process that can give a positive and refreshing impression to students. Based on these considerations, the team decided to choose this location.

English learning for elementary school children based on the environment is currently not fully considered important by the government. In fact, if explored more deeply, the learning method will greatly help students in increasing awareness of the importance of protecting the environment as early as possible. It is important for humans to realize that with the development of the era, human abilities are also required to follow suit. However, prevention of dangerous things is also important to always remember (Frick, 2020).

This learning method will also improve children's language skills which will be very useful for their lives in the future. Unfortunately, this seems to be hampered by the many assumptions in society that assume that mastering English will make them forget their local culture and language. If this continues to be the basis for whether English is important or not for children, then their awareness of the environment will decrease. Of course, automatically the soft skills that should help them in the future will not be realized (Pappa et al., 2024).

The method and approach to nature in learning English in its application will not provide many challenges for children. The main purpose of this learning is to bring children closer and increase their awareness of the importance of preserving nature as their current and future home. Lensik-Oberstein once said that, "the bond between children and the environment arises generally because John Locke believes in the existence of "true nature" in children" (Tamrin & Magfirah, 2019). This means that there is actually an inner bond between children and the environment. This is because in the children themselves it is something real and pure, and in fact this nature is very suitable for developing English learning methods like this (Susanto et al., 2022).

Based on the description that has been written above, this community service activity focuses on improving English skills in partners. This community service program is directed at a form of training to enrich vocabulary and daily conversation. Teaching about daily conversation was chosen because this is what is needed by elementary school students. This is because the community service team hopes that in the future they can use this skill later in the world of work. The target output to be achieved from this activity is publication in a scientific journal.

## **METHOD**

Learning activities include the following skills: 1. Reading 2. Vocabulary 3. Listening 4. Grammar In the Reading activity, students are asked to listen to the instructor reading the text. After that, students are asked to read the text individually. After the reading activity, students are asked to work on reading text comprehension questions. The learning activity is continued by introducing vocabulary about colors which includes various colors, how to make sentences that use colors in them, both positive, negative, and interrogative sentences. The examples given are expected to help students understand the material presented. In

teaching listening, the instructor asks students to listen to the instructor reading several dialogues. After reading the dialogue three times, students are asked to answer the instructor's questions orally. This learning activity is intended so that students get used to listening to conversations in English and understand the meaning or content of the conversations they hear. Questions that are delivered orally are expected to train students to say the answers to the questions given so that students can speak fluently in English. After giving listening exercises, the activity is continued by providing grammar material about the activities or activities being carried out. As before, grammar learning is followed by exercises both orally and in writing. Oral exercises are intended to train students' fluency while written exercises are intended to measure students' level of understanding.

The cooperative learning method was chosen because this method is considered very appropriate for this training. In this method, participants will be able to work together to answer the questions that will be given. In addition, participants with good interaction are able to work together and build study groups together (Lima Antão et al., 2018) . With this kind of interaction, of course, participants will be more enthusiastic about learning.

The community service team provided a tutorial on the use of English Hack web-based learning media to teachers and staff at the Elhazima Cerdas Cendekia Mojokerto Foundation class. The provision of supplementary materials at the LBB at the Elhazima Cerdas Cendekia Mojokerto Foundation as a form of support for the activities of this community service team.

## **RESULTS AND DISCUSSION**

### **1. ACTIVITY RESULTS**

Students learn English by listening to lectures from teachers, asking questions, and receiving practical assignments from their professors. Group learning during the learning process has not been utilized optimally. It seems that students only become passive observers when teachers deliver educational materials in class because they will not be actively involved in the learning process.

In addition, based on research from (O'Connor et al., 2023) , teachers use teaching methods that are not in accordance with the needs of students learning English. English teaching in the classroom ignores and underestimates the importance of students' fast and accurate reading skills. During teaching, teachers often fail to utilize effective patterns of student-teacher interaction that can increase classroom activity and improve students' reading speed. Students in the fifth grade of elementary school are between the ages of eleven and twelve. This age group is known to display a variety of characteristics, including various individual differences in areas such as intelligence, language skills, and personality development. Students are categorized as underachieving based on their academic achievement. These results can be seen in the results of the final semester exam for the 2023 school year, where students' English scores were calculated at 63.50, below the Maximum Completion Criteria (KKM) which was previously set at 85.00. Based on interviews with teachers, students achieved maximum results in the English subject UAS and were reinforced by the results of this study. Learning objectives, such as students' reading speed, require the development of reading ability tests. 263 words were used in the narrative form of the test. Implementation is done by giving students a certain amount of time to read. They then use the reading speed measurement formula to determine their reading speed in minutes or words per minute, which is then used to measure students' speed-reading ability (kpm). In the

process of creating inquiry learning model products, focusing on the nature of the learner, learning objectives, and learning arrangements is very important for creating effective learning strategies.

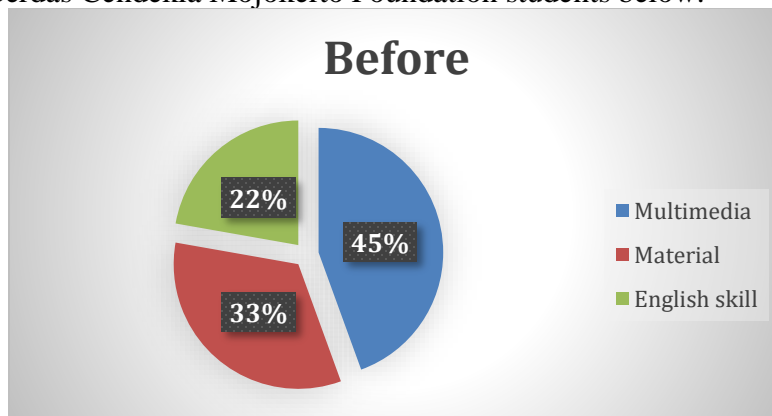
Summary of teacher activities and summary of student activities are included in improving reading strategies in implementing this learning. The educational implementation plan determines how the components of the inquiry-based learning model development strategy will be displayed as a learning scenario. The student book contains components of English education and learning for grade V of elementary school. These components are as follows: (1) ecosystem, (2) ecosystem changes, (3) partnerships between living things, (4) food chains, (5) energy in ecosystems, and (d) changes in environmental balance. The student book is also included in English education and learning for grade V of elementary school. Formative evaluation is the collection of information to improve the quality of the inquiry-based learning model being built. The following procedures are carried out: Students are evaluated one-on-one to determine whether the learning process is clear and appropriate for them and the adequacy of the tests used to measure their learning using formative evaluation methods such as: (a) formative collection of assessment tools from experts, such as material experts and learning design experts; and both are important steps in the formative evaluation process. assessment of 10 students in small groups and (d) field trials, which included 30 students (Lewis, 2009) .

The inquiry learning model was reworked after a formative evaluation was conducted where experts and students provided suggestions for improvement. By using summative evaluation, we can determine whether the new learning model is superior to the old one. For summative evaluation, (Prasetyo et al., 2023) explained that independent assessors are used instead of learning design designers. The evaluation stage is not part of the educational system design process for this reason. According to (Lupita & Hidajat, 2022), summative assessment is not a step in the design process that must be studied but rather a further stage in it. A better inquiry learning model was developed based on input from experts who participated in reflection and observation. The third prototype was created as a result of the changes that had been made. Experts were also given the opportunity to test the third prototype using the following steps. According to Vygotsky's explanation, students' reading ability should improve if the inquiry learning model is used in the classroom to stimulate higher mental functions. As a result, students will have interactions that they consider regulating student behavior during the learning process, a list of choices and interactions and can be used as a learning trend, because the principles and concepts of teaching can be understood. through inquiry learning. The interaction of students' and teachers' shared knowledge about the social system will naturally lead to more social interactions between them. It is through this process that the inquiry-based learning model is created, which is based on the principles of research and the evolution of research methodology.

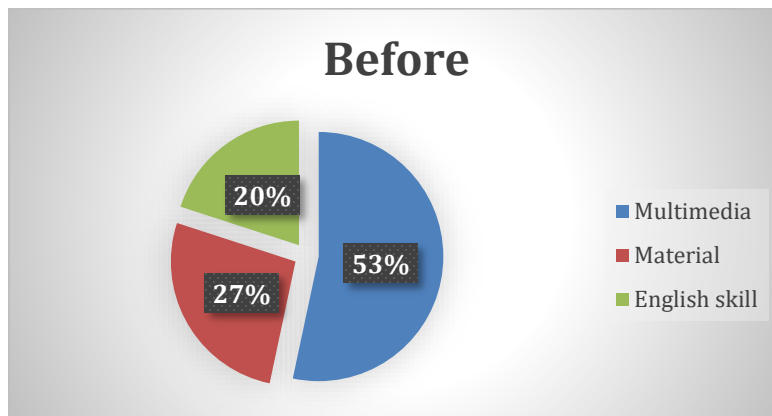


**Figure 1 Multimedia Learning**

Experts in instructional design, content development, and language use have all endorsed the inquiry-based learning model we developed. Once it was determined that the product could be successfully developed based on validated results, individual tests, small group tests, and field group tests were conducted. then do the steps to see if it works and is practical. Inquiry-based learning is a model that was created. Therefore, the increase in reading ability caused by the integration of multimedia technology into the teaching tools of the Elhazima Cerdas Cendekia Mojokerto Foundation students below:



**Figure 2. Before Using Multimedia**



**Figure 3. After Using Multimedia**

Based on the findings shown in the graph above, the percentage of students at Yayasan Elhazima Cerdas Cendekia Mojokerto who use multimedia as a learning tool has increased significantly compared to the percentage of students who have not used multimedia as a means of learning English.

## CONCLUSION

Here are some conclusions that can be drawn based on the previous discussion: Initially, the learning model produced was an inquiry learning model. The main objective of this model is to improve the level of reading ability of elementary school students. This model consists of syntax components, social system components, reaction principal components, support system components, instructional impact components, and accompanying components. The learning model consists of several books, such as model books, lesson plans, books for teachers, and books for students. All inquiry learning methods have been tested and proven effective by linguists, designers, and other specialists in various materials. The inquiry-based learning approach developed by the Elhazima Cerdas Cendekia Mojokerto Foundation is useful in improving students' fast learning outcomes, according to the results of the t-test statistical test (2.00). The practicality value of the inquiry-based learning model created is 3.39, which means it can be improved.

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