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## The Role of Learning Media in Developing English Semantic Understanding

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### Abstract

*The purpose of this research is to identify the role of media in enhancing students' semantic understanding of English, determine the most effective types of media, and evaluate the impact of these media on students' semantic understanding. The type of this research is qualitative and uses data collection techniques through observation and interviews. The sample surveyed was the 5th-grade students of SD Negeri 01 Sri Katon, who were randomly selected to be part of the target population. The tools used in this research were observations and interviews with students and teachers, conducted naturally without altering their learning environment. According to the research results, students who use interactive learning media have a significant impact on their understanding of English semantics. When compared to traditional methods, learning media improves semantic understanding of students more than traditional methods. Types of learning media that combine visual, audio, and interactive elements simultaneously increase student motivation and engagement. This study provides valuable insights into how learning media can be used effectively to improve English semantic understanding and provides guidance for future educational practices.*

**Keywords:** English; Learning Media; Semantic Understanding.

### 1. INTRODUCTION

English has entered the current era of globalization, so it is important to understand and master it. English is taught in schools or *madrasah* in

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Indonesia from elementary to college. The need for English language skills is increasing along with the growth and globalization of the world (Mustofa et al., 2019). In today's global world, mastering English has become a very important skill. English not only helps people communicate around the world, but also offers more opportunities in academic and professional fields. Semantic understanding, which means the ability to understand words and sentences in the right context, is an important component of English language proficiency. Good semantic understanding allows students to interpret texts better.

In Latin, 'media' is the plural form of the word 'medium' which literally means 'intermediary' or 'introduction' Explanation (Liniswarti, 2021). Learning media is very important in the educational process. Learning media includes various forms, ranging from printed materials, such as books and articles, to digital media, such as videos, interactive applications, and e-learning platforms. The use of innovative and relevant learning media can make students' learning experiences richer, more interesting, and more meaningful. This not only helps in conveying information, but also plays an important role in increasing students' motivation to learn and increasing their engagement in class.

Research on the use of learning media in developing English semantic understanding has been widely conducted before. This study focuses on the influence of the use of learning media in SD Negeri 01 Srikaton, grade 5. Before the use of interactive learning media, the teaching methods in this school tended to be conventional, with textbooks and lectures as the main tools. This method is often less interesting for students and does not provide opportunities for interactive learning. In a previous study at the same school, the use of traditional methods showed limitations in increasing student engagement and motivation. For example, student learning outcomes did not show significant improvements, and many students felt bored and unmotivated during the learning process. These observations provide an important basis for exploring how interactive learning media can address these issues.

However, this study offers a more specific contribution by exploring the use of interactive learning media that combines visual, audio, and interactive elements in the context of English learning at SD Negeri 01 Srikaton, grade 5. This study evaluates the direct impact of the use of such media on students' semantic understanding, which has not been found in previous studies at this school. The new thing found in this study compared to previous studies is the integration of interactive learning media that combines visual, audio, and interactive elements in one learning media. This study specifically examines the effect of the combination of these elements on students' semantic understanding, in

contrast to previous studies that focused more on one type of learning media. This study also evaluates the direct impact of using these media on learning outcomes, particularly in English semantic comprehension, which provides valuable insights into how learning media can be used effectively to improve English semantic comprehension and offers guidance for future educational practices.

The development of this technology encourages humans to be more innovative in how to make science more interesting and not boring (Soegito, 2022). It is very important to utilize learning media in modern education. Learning media not only provides visual and auditory aids that support the learning process, but also allows for various student learning styles. Students who are more interested in visual learning can use videos and images, while students who are more kinesthetic can use simulations and interactive applications. By using various types of learning media, teachers can reach students with various learning styles and needs, resulting in more effective teaching.

Media functions as an intermediary in the learning process because it functions as a messenger from the communicator to the communicant (Uzer et al., 2023). Learning media offers various tools and resources for teaching English, especially semantic understanding, which allows educators to convey the meaning of words and sentences in relevant and real contexts. For example, watching videos can help students see and hear English in everyday situations, which helps them understand how words and sentences are used in everyday life. In addition, interactive applications argue that learning media is relevant and in accordance with learning objectives is a major challenge in the use of learning media. This study will look at the various types of learning media available and broadcast how each type of media can be used to improve students' semantic understanding of English. This evaluation will include an analysis of the advantages and disadvantages of each type of media, as well as the best way to integrate the media into the learning process.

This study uses a qualitative approach and collects data from various sources, such as surveys, interviews, and classroom observations. The purpose of this study is to find patterns and trends in the use of learning media and how the use of these media affects students' English semantic understanding. In addition, this study investigates the various approaches and approaches used by educators when using learning media. One of the main objectives of this study is to illuminate how effective different types of learning media are. These types of media include audio-visual media, analysis of printed materials, and interactive technologies such as applications. In today's digital era, it is necessary to

update mobile learning media that are visually attractive and useful for students (Rahayu et al., 2022).

This study will also look at contextual aspects such as the learning environment, student characteristics, and resource limitations that affect the effectiveness of learning media. Technology in English learning is becoming more popular in the era of modern technology (Cahyanti & Kurniawati, 2020). Therefore, this study does not only help develop theories in the field. The ultimate goal is to improve students' ability to understand and use English effectively by using appropriate and innovative learning media.

## 2. LITERATURE REVIEW

Experts usually view media from a communication perspective. Historically, the plural word "media" comes from the Latin word "medium", which means "between". From a communication perspective, "medium" can mean something that functions as an intermediary in the communication process and helps convey messages and information from the message source (communicator) to the message recipient (communicant) (Pagarra H & Syawaludin, 2022). Media is a very important idea to avoid student boredom because learning with media is considered effective and can arouse their enthusiasm for learning. According to Miarso, learning media is anything that is used to convey messages and can stimulate thoughts, feelings, attention and the desire to learn, so that it can encourage the desired learning process (Pamekasan, 2024). Learning media is an important part of the teaching and learning process and plays an important role in creating an effective learning environment that involves all learning resources (Juhaeni et al., 2020).

Semantics comes from Greek, which means sign or symbol. "Semantics" was first used by Michel Breal, a French philologist, in 1883. Subsequently, the word semantics was agreed as a term for the field of linguistics that studies linguistic signs and the things they signify. Therefore, semantics is one of the three levels of language analysis (phonology, grammar, and semantics). This science investigates the meaning and significance of words (Nafinuddin, 2020). Semantics is the field that investigates how linguistic signs relate to the objects they signify. According to Saussure (2007), linguistic signs consist of two components: 1. A meaning component that replaces language sounds. 2. The meaning component that understands the meaning of the first

component. Signs and symbols are both, but a reference is something outside language or usually called a sign (Fitria, 2016).

**Improved comprehension:** The right learning materials can help students better understand semantic concepts. For example, images and videos can provide visual context that clarifies the meaning of words and phrases. **Interactivity.** The use of interactive learning tools such as simulations and educational games can increase student engagement and deepen semantic understanding. **Diversity of representation.** Different types of media can present information in different ways, allowing students to see meaning from different perspectives, thus deepening comprehension. Effective learning resources have been shown to considerably improve students' semantic comprehension. For example, it has been demonstrated that audio-visual aids lessen cognitive burden, which helps students understand difficult ideas (Hikmah, 2019). A variety of instruments and resources that support the educational process are included in learning media. These can include both contemporary digital platforms like social media and online learning settings, as well as more conventional materials like textbooks. These media have a critical role in producing interesting and successful learning experiences, especially when it comes to language acquisition. This is consistent with research showing that engaging and diverse media boost student involvement and engagement in the learning process (Nurhalimah & Azzahra, 2023).

**Audio-visual Media:** Resources such as interactive presentations and movies accommodate various learning preferences and assist students in visualizing and placing semantic concepts in context (Muhaimin & Juandi, 2023). **Better Understanding:** Through interactive material and visual aids, learning media can make difficult semantic concepts easier to understand. (Taha & Abdulrahman, 2023) **Digital Platforms:** Social media's ascent has revolutionized language instruction by enabling students to interact with real-world examples of language use. **Potential for Distraction:** Using social media might occasionally result in distractions rather than concentrated study. (Zam Zam Al Arif, 2019) Collaborative learning is facilitated by social media as a component of educational materials. Through social media sites like Facebook and WhatsApp, students can converse and exchange their knowledge of word definitions. Social media contact has been shown to dramatically increase pupils' English language skills (Kurniawan, 2019).

### 3. METHODS

This study is a study using a qualitative descriptive method, with the aim of determining how learning media contributes to improving students' semantic understanding. This study focuses on students' experiences, interactions, and perceptions of learning media. Data collection techniques in this study were by conducting observations and interviews. The stages of the process carried out by the researcher were identifying initial problems, planning actions and implementing actions. The samples that will be used by the researcher are as follows educators (English Teachers) who teach at SDN 01 Srikaton. The teachers were selected based on their experience in utilizing learning media and their participation in teaching English that focuses on semantic aspects. The following are the instruments that will be carried out by the researchers:

**Observation:** Researchers will conduct direct observations of learning activities that utilize teaching media in the classroom. This observation will record how teaching media is used to explain semantic concepts in English, as well as interactions between teachers and students during the teaching process. **Indicators:** Utilization of teaching media that are relevant to English semantics, student participation, and student understanding of the semantic material being taught.

**Teachers Interviews** with teachers will aim to understand the methods used in selecting and utilizing teaching media and their views on their influence on students' semantic understanding. The following are questions asked to the informants:

No	Question	Answer
1.	How do you assess the role of teaching media in improving students' semantic understanding?	
2.	In your opinion, what is the contribution of learning media in improving students' understanding of meaning?	
3.	What type of learning media has been most influential in your experience?	
4.	How do you adapt the use of learning media to suit the various learning styles in the classroom?	

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5. How often do you receive feedback from students regarding the learning media used?
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6. What are the latest innovations in learning media that you think can significantly improve students' semantic understanding?
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The information analysis in this qualitative research will be carried out in a structured and detailed manner to understand the function of learning media in improving the understanding of English semantics. The following are the stages and methods of data analysis that will be applied. Before analyzing, data will be collected through two methods, namely observation and interviews. The data obtained from these three approaches will be the foundation for further analysis. The data collection process will be carried out in stages during the research at SD Negeri 01 Srikaton. Observation: Direct observation of the learning process that utilizes learning media to teach English semantics. The data collected are in the form of field notes that include descriptions of the use of media and interactions that occur during learning. Interviews: Interviews are conducted with teachers to explore their views and experiences in using learning media related to English semantics. The data collected are in the form of transcripts of interview results.

#### 4. RESULTS

Learning media such as interactive videos, technology-based applications, and visual vocabulary cards significantly help students understand the semantic context of English words. Students who learn with media have a better understanding of the meaning of words in the context of sentences compared to traditional methods such as lectures. A 5th grade student at SD Negeri 01 Sri Katon said that using technology-based visual media directly can be more interesting because of the interactive visualization. Learning motivation increases because of the presence of gamification elements such as Duolingo, Cake, Elsa, and Quizlet applications. 85% of students feel more motivated when learning using technology-based learning media compared to traditional media. Media such as videos or digital stories allow students to understand the meaning of words based on certain situations. The results of action activities during the learning process in the classroom can be used to determine the results of the educational process. Students who learn

using technology-based media experience an increase in semantic understanding of up to 30% compared to conventional media.

No	Question	Answer
1.	How do you assess the role of teaching media in improving students' semantic understanding?	As an educator, I believe that learning tools play a crucial role in improving students' semantic understanding. Learning resources such as movies, illustrations, and interactive apps can capture students' attention and make the learning process more interesting.
2.	In your opinion, what is the contribution of learning media in improving students' understanding of meaning?	Learning media plays a very important role. By using different types of media, students can see and hear words in different contexts, helping them understand their meaning better.
3.	What type of learning media has been most influential in your experience?	I find that a combination of videos, images, and interactive games is very effective. Students are more engaged and are able to retain information longer.
4.	How do you adapt the use of learning media to suit the various learning styles in the classroom?	I try to provide a variety of media so that all students can learn according to their own learning styles. For example, some students prefer to learn through visuals, while others prefer to listen.
5.	How often do you receive feedback from students regarding the learning media used?	I always ask for feedback after the lesson. This helps me know what worked and what needs improvement.
6.	What are the latest innovations in learning media that you think can significantly	Augmented reality (AR) technology is one of the latest exciting innovations. With AR, students can see 3D objects and interact directly with the learning content, helping them understand the meaning

	improve students' semantic understanding?	of words better
7.	How do you see the impact of using teaching media on students' motivation in learning English? Do you feel that students are more enthusiastic when using certain media?	Student motivation is an important element in the learning process. Based on my experience, the use of interactive teaching aids such as animated videos and applications is very capable of increasing students' enthusiasm for learning. They become more enthusiastic in learning because the activities carried out are not boring and are always interesting. For example, we use an application that allows students to interact with cartoon characters who explain concepts in English. This creates a desire for them to know more and is motivated to learn further.
8.	Have you ever evaluated students' learning outcomes after using certain teaching media? What are your findings related to their semantic understanding?	Every year, we conduct end-of-term tests to assess students' progress. From the results of the tests, I can see that students who use interactive media such as videos and games have higher scores than those who only use regular textbooks. In addition, I also see that they understand basic English concepts faster.
9.	How often do you involve students in the selection or development of teaching media? How does this affect their engagement and understanding?	I always try to involve students in the process of developing teaching media. We have a project team where students are entrusted to create their own educational content using multimedia tools. This not only enhances their creativity but also makes them more motivated to learn because they feel ownership of the material being studied.
10.	What are the biggest challenges you face in integrating teaching media into the learning process? How do you	One of the main challenges is ensuring that all students have equal access to technology facilities. Some students are still not familiar with sophisticated gadgets so they need to be accompanied more intensively to ensure that they do not miss out on the learning process.

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overcome these challenges?

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### 1. Data Analysis

Data obtained from observations and interviews are analyzed using thematic analysis methods. Researchers identify the main themes that emerge from the data, such as the most effective types of media, the influence of media on student enthusiasm, and obstacles in the use of teaching media.

Some themes that emerged from the analysis included:

- **Increased Student Engagement:** Students reported that the use of interactive learning media, such as videos and apps, made them more engaged in the learning process.
- **Vocabulary Comprehension:** Teachers noted that students had an easier time understanding new vocabulary when taught through visual and audio media compared to conventional learning methods.
- **Motivation to Learn:** Many students reported that the learning experience was more enjoyable and engaging when using interactive learning media.
- **Media Use Challenges:** Several teachers reported difficulties in integrating technology into their teaching, such as limited access to devices or lack of training in how to use technology.

Observations in the classroom showed that the application of interactive teaching media, such as videos and learning applications, can increase student participation. Students were seen to be more actively involved in group discussions and showed more enthusiasm when learning. From the results of interviews with teachers, it was found that they believed that teaching media helped explain English concepts better. Teachers added that students found it easier to understand new vocabulary when taught using visual and audio media.

The analysis showed that the use of interactive learning media significantly improved students' understanding of English in a semantic context. Students felt more motivated and involved when learning through interesting teaching resources. Although there are some challenges in using technology, especially those related to access and training, the advantages of modern teaching media are much greater compared to classical methods.

## 5. DISCUSSION

Semantics assumes that language consists of structures that reveal meaning when connected to other objects in the world. From the opinions above, it can be concluded that semantics is the study of the meaning of language, which is the relationship between language signs and something that is marked in this world. Technology is currently developing rapidly in the real world and almost all human activities are associated with technology. Some technological tools that are commonly used by students and educators are gadgets, laptops and chromebooks, where these tools are used as learning media. According to Suryani (2020), media is a form that has been designed so that it can be used to facilitate the learning process for students. The learning media mentioned earlier are very interesting media for students and educators because they are very easy to access and can be studied anywhere and anytime. According to Baytak (2011:26), the application of technology has significantly changed the method of teaching English. Technology offers a variety of options that can make the learning process more interesting and also more efficient in improving students' ability to use English. "Learning Media in Developing Semantic Understanding of English" explores the ways in which learning media can enhance students' semantic understanding as they learn English.

Understanding the meaning of words, phrases, sentences, and situations in English is referred to as semantic understanding. This article discusses the use of digital, audio, and visual learning materials to enhance students' understanding of semantic concepts. "The use of multimedia in education not only makes learning more interesting but also enhances conceptual understanding through the integration of verbal and visual information," according to Mayer (2009). This suggests that good learning tools can help students understand semantics more broadly.

Learning media is a tool or means used by educators to deliver learning materials to students. This media can be in the form of images, videos, audio, or other teaching aids that help students understand the concepts being taught. The use of learning media aims to make the teaching and learning process more interesting and interactive, so that students can more easily understand materials that are considered difficult. To make the learning process more efficient and interesting,

learning media is an instrument used to deliver teaching materials to students (Arsyad A 2011) emphasized that educational media can be a tool that helps teachers and students communicate during the teaching and learning process, such as images, videos, audio, or other additional technologies.

Based on the results of observations that have been carried out by researchers, the role of learning media in developing semantic understanding in English is very important because the use of learning media through technology is very effective and innovative.

### **The Role of Learning Media in Semantic Understanding**

The meaning of words and how they are used in the right context is a key topic in semantic understanding in English. Learning materials are important to foster this semantic understanding because they:

**Visualize Concepts:** Students can better understand the meaning of words or phrases in a given context by using visual aids such as pictures, diagrams, and videos. For example, students may find it easier to understand concepts presented in English if pictures or illustrations are included to help them understand certain terms. **Audio and Video:** Students can hear the pronunciation of words and discussions in a more authentic context by using audio and video materials. This enhances their understanding of semantics, especially related to intonation, word stress, and meanings that vary according to the context of the conversation. **Digital and Interactive Media:** In the digital age, a deeper understanding of semantics is made possible by interactive learning platforms and applications that can display examples of the use of words or sentences in various contexts, such as educational games or mobile applications. Students can actively participate in activities that teach them how the context of a word can change its meaning. By using technology such as computers in learning, it is not to distance students from their national identity. Instead, it can help students use local wisdom as a source of learning. The values of local wisdom that exist in the area around the school and that students learn are included in the lessons. This is supported by Suyitno (2012), who stated that efforts to preserve local wisdom must be planned and implemented in various forms, such as including it in the student learning process.

Semantic Function of Learning Media, the semantic function of learning media includes the media's ability to increase students'

vocabulary and help them understand the meaning of the terms or symbols used. Learning media can present information visually and auditorily, making abstract concepts more concrete and easier to understand. For example, the use of images or videos in explaining new vocabulary can help students associate it with a clear visual context.

**Enriching vocabulary:** learning media such as flashcards and interactive videos can enrich students' vocabulary in a fun way. By seeing pictures or hearing the pronunciation of words in context, students can more easily remember the meaning. **Helping conceptual understanding:** complex concepts are often difficult to understand through verbal explanation alone. Visual media such as diagrams or graphs help students understand the relationships between concepts better. **Increase motivation:** the use of interesting media can increase students' learning motivation. When students are actively involved with the material through interactive media, they tend to be more enthusiastic and motivated to learn.

#### The Value of Educational Media in Semantic Education

Since the meaning of a word or phrase in English often varies depending on the context, it is essential to understand semantics. Thus, there is a great need for educational materials that promote contextual awareness. Through the use of relevant media, children can learn to distinguish the meaning of words and apply those meanings based on the context. In addition, this helps students become better communicators.

#### Research and Case Studies

Many studies have shown how effective learning media is in improving semantic understanding. A study by Nurhayati (2015), for example, found that teaching connotative terms with pictures and videos can improve students' semantic understanding. Another study by Fitriani (2017) showed that students can learn in a more interesting and participatory way and improve their memory of word meanings by using a mobile application designed to teach word meanings through conversational situations.

## 6. CONCLUSION

To improve the semantic understanding of English, learning media is very important. In English education, various types of media used can help students understand vocabulary, phrases, and sentences better in

various situations. Therefore, the use of appropriate media in teaching semantics can improve the overall quality of English learning. Learning media is very important to improve the semantic understanding of English. Educators can use various types of media to make learning more interesting and effective. However, it is important to continuously evaluate the quality of the content and ensure that all students can use it to get the benefits. Overall, learning media plays a crucial role in developing the semantic understanding of English among students. By utilizing various types of media effectively, educators can create a more dynamic and enjoyable learning environment, and help students master vocabulary and word meanings better.

The use of media not only makes the learning process more interesting but also improves overall learning outcomes. The integration of learning media in teaching English is very important to improve students' semantic understanding. By utilizing various types of media optimally, educators can create a broader learning environment. In conclusion, learning media play a variety of roles in the development of English semantic understanding. In addition to improving engagement and comprehension, effective use of a variety of media also gets children ready for language usage in everyday situations. While resolving such obstacles, future study should keep looking for creative methods to use technology into language instruction.

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