

# CHAPTER 1

## INTRODUCTION

In this chapter, the researcher presents the topics related to the study such as the background of study, identification of problems, scope of problems, formulation of the problems, research objectives, research hypothesis, benefits of research, and definition of terms. The researcher will discuss these topics below:

### A. Background

Whether a language is being learned as a first language, a second language, or a foreign language, acquiring vocabulary is essential. Because communication cannot function properly without vocabulary, vocabulary is crucial for all languages. If the speaker uses just a little amount of vocabulary, they will not be able to organize their thoughts, and the listener will have trouble comprehending the speaker's message if they do not use a large enough vocabulary. English, the first foreign language studied in schools, is a topic that must be taken seriously in order to provide pupils with the finest care possible.

In reality, in order to master the target language, students must master the four language skills, and as reading is prioritized in the teaching of this skill, it follows that vocabulary knowledge cannot be disregarded since it is crucial to comprehending the four language-learning skills. Increasing other linguistic abilities is the main reason for learning vocabulary <sup>1</sup>. It is a key component of

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<sup>1</sup> Ahmad Munawir et al., "Students' Vocabulary Mastery By Using Animation Video on English Language Teaching," *ETDC: Indonesian Journal of Research and Educational Review* 1, no. 3 (2022): 354–62, <https://doi.org/10.51574/ijrer.v1i3.391>.

learning a language. In this situation, the students must be familiar with the terms that are crucial to their subject of study.

The quality and quantity of existing vocabulary also help students absorb various information provided by teachers and various other learning sources. Good vocabulary has a huge influence on students' ability to communicate, both verbally and in writing. With sufficient vocabulary, students can easily express to others all opinions, ideas, thoughts, and feelings that arise in the four language skills, namely reading, listening, speaking, and writing.<sup>2</sup>

Nowadays, researchers become anxious because there are so many students in Indonesia, who find it difficult to concentrate in learning and more than those who choose to think about things outside the realm of learning so they are less focused on learning. One of them is the increasing use of smartphones among teenagers, the fact is that they are not yet able to use smartphones properly. Research results from Yulita that high school students' characteristics. That as many as 96.98% of students have smartphones, and the average time they use their smartphones is 3 to 6 hours per day.

This time is relatively long and it will increase the risk of using the smartphone for purposes other than for studying. This is because smartphones are used for several activities such as connecting on social media, browsing

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<sup>2</sup> Wati Kurniawati and Deni Karsana, "Aspek Penguasaan Kosakata Bahasa Indonesia Oleh Siswa Sekolah Dasar Di Kota Medan," *Ranah: Jurnal Kajian Bahasa* 9, no. 2 (2020): 286, <https://doi.org/10.26499/rnh.v9i2.2977>.

information, watching YouTube, reading news, playing games, and learning activities that occupy a low position in the options.<sup>3</sup>

Next, in Novian Widyati's research, she said that the teaching and learning process requires students' concentration to understand the material, explain concepts and formulas, and practice questions asked by the teacher. Based on observations at SMK Negeri 1 Pacitan, some students experienced fatigue in the teaching and learning process, while other students were exhausted and not ready to start learning due to the change of topic from the previous subject to the next subject. This affects students' learning concentration during the teaching and learning process.<sup>4</sup>

Adila Amalia stated that learning is a set of mental activities and physical which aims to bring about changes in behavior as a result of the individual's experience of interaction with their environment at the cognitive level, affective, and psychomotor. In the learning process of course, students need several things to support successful learning, wrong the other is concentration on learning. Concentration is focused attention or attempts to draw attention to necessary information while ignore unnecessary information. If it is related to learning, So learning concentration is focusing your mind on something lessons by ignoring things outside that are felt to be non-existent connection with the lessons he is

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<sup>3</sup> Yulita Triadiarti et al., "JPPI (Jurnal Penelitian Pendidikan Indonesia) Policy Analysis of Using Smartphones as Learning Media at Senior High Schools" 7, no. 4 (2021): 707–11.

<sup>4</sup> Novian Widyati, Mulyadi Mulyadi, and Hari Purnomo Susanto, "Pengaruh Konsentrasi Belajar Dan Literasi Numerasi Terhadap Hasil Belajar Matematika Siswa Kelas Xi Tkj Smk," *Jurnal Edumatic : Jurnal Pendidikan Matematika* 4, no. 1 (2023): 31–38, <https://doi.org/10.21137/edumatic.v4i1.690>.

receiving.<sup>5</sup> This is supported by Nuryana and Purwanto in Chyquita who explain that concentration good practice is believed to be one of the determining factors for student success in achieving learning goals, because by concentrating everything things can be recorded as well as possible in the brain's memory and then with can be easily removed when needed.<sup>6</sup>

From the several definitions above, researchers can conclude that Learning concentration is one of the determining factors for student success in achieving goals, namely changes in behavior for the better. Concentration in learning can be shown in various ways, attention, focused gaze, ability to ask and answer, and reflexes good psychomotor skills of a student. It can be ascertained that students who able to concentrate highly during learning will have memory power, who are better and can understand more easily than other students.

One component that can increase the participant's concentration level students are educators themselves. Teachers or educators can be said to be creative, professional, and fun if you have the concepts and techniques for explores the quality of teaching, which includes methods and media in learning that must be mastered by an educator. By Therefore, teachers need to find the right way so that students are able concentrate on learning in class. Thus, the process effective and efficient learning will be achieved easily. One of what teachers can do is determine the media that suits them, characteristics of students and subjects taught. Even

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<sup>5</sup> Adila Amalia, Sucipto, and Shoufika F Hilyana, "Konsentrasi Belajar Siswa Pada Mata Pelajaran IPA," *Jurnal Educatio* 8, no. 4 (2022): 1261–68, <https://doi.org/10.31949/educatio.v8i4.3120>.

<sup>6</sup> Tica Chyquitita, Yonathan Winardi, and Dylmoon Hidayat, "Pengaruh Brain Gym Terhadap Konsentrasi Belajar Siswa Kelas XI IPA Dalam Pembelajaran Matematika Di SMA XYZ Tangerang," *A Journal of Language, Literature, Culture, and Education* 14, no. 1 (2018): 39–52.

deeper English lessons actually explain more about theory rather than practice. So that students act more as recipients and must be able to focus from time to time.

From several problems described above, researchers used the Khan Academy platform to overcome the problems faced by students. Khan Academy is an online learning platform founded by Salman Khan in 2008. The platform provides free access for those who want to learn independently in areas such as mathematics, science and history. Additionally, Khan Academy also offers learning videos that you can access anytime, anywhere.<sup>7</sup> According to research by Sandra Lee Kelly Khan Academy is a free online program that offers thousands of video lessons, exercises, and tests in a variety of content areas.

Their mission is to provide a free, world-class education to everyone, everywhere. The platform is hugely popular, with users solving more than 700 million problems in 2013 alone. Khan Academy has about 144.000 monthly users, increasing to around 10 million monthly users in February 2014. These numbers demonstrate the quality of Khan Academy and the growing demand for online private lessons, especially English.<sup>8</sup>

This time the researcher wants to use the khan academy platform to improve the quality of vocabulary and solve students' problems at SMK Islam Panca Hidayah Kalidawir.

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<sup>7</sup> Yulian Purnama S.Kom, "Mengenai Khan Academy," 2023, <https://kipmi.or.id/mengenai-khan-academy.html>.

<sup>8</sup> Sandra Kelly Lee, "The Impact of Khan Academy Math Remediation on Ninth Grade Student Achievement," *University Liberty*, 2018, <https://digitalcommons.liberty.edu/cgi/viewcontent.cgi?article=2753&context=doctoral>.

SMK Islam Panca Hidayah Kalidawir. is located on Jl. KH. Sirodj No.1, Ngrawan Hamlet, Tunggangri Village, District. Kalidawir, Tulungagung Regency. Prov. East Java. This institution has a very large area of land, has one main gate at the front and has an Islamic boarding school to support the continuity of learning, especially in religious matters for students who wish to settle down.

SMK Islam Panca Hidayah Kalidawir has a strong goal of creating graduates who have high academic and religious values and are able to compete with the wider community. It is proven that the existence of school programs can increase the quality of students. The aim of this school is to produce graduates who have the character of a Pancasila student profile, have competencies according to work needs, have an entrepreneurial spirit, are able to produce products according to needs, and produce superior products according to local wisdom.

Apart from that, the seriousness of SMK Islam Panca Hidayah Kalidawir in educating Islamic students is proven by the various cultures that have been instilled in the school, such as the implementation of the 5S slogan by shaking hands and saying hello to teachers before entering the classroom, and the habit of performing Dhuha prayers in congregation. every day for all school members before entering first period.

From the school I found some problems, it can be seen that most students lack focus when participating in the learning process in class. In addition, they also seem less interested and not enthusiastic when the teacher delivers the subject matter. This low level of concentration and interest in learning occurs because the learning methods used by teachers at SMK Islam Panca Hidayah Kalidawir are still

conventional or traditional, where the teaching and learning process tends to be one-way, does not involve active student participation, and minimizes the use of media or technology that can attract students' attention to learning.

Based on the problem, researchers are interested in conduct more in-depth research on media in learning so the researcher took the research entitled **“Effectiveness of Interactive Video Using Khan Academy Platform On Student’S Vocabulary Mastery Of The Eleventh Grade At SMK Islam Panca Hidayah Kalidawir”**

## **B. Identification of Problems**

Based on the background described above, the following problems can be identified:

1. The majority of teachers, especially those who are elderly, are unable to utilize learning media using smartphones.
2. The learning method used is only the lecture method.
3. Teachers only focus on one learning model without implementing other more innovative learning models and media.
4. Students feel bored and often sleepy when teaching and learning activities take place, and some play on their cellphones.
5. In English learning, teachers are less able to provide learning models that students like.
6. Lack of use of media such as applications that can make learning interesting.

### C. Scope of Problem

1. **Interactive Video as a Learning Tool:** The research is centered around the use of interactive video content, specifically from the Khan Academy platform. The effectiveness of these interactive videos in improving students' learning outcomes is a primary focus.
2. **Khan Academy Platform:** The study is limited to the use of the Khan Academy platform, which offers various educational resources, including videos. The research may explore how features such as quizzes, feedback, and learner engagement in Khan Academy's interactive videos contribute to vocabulary acquisition.
3. **Vocabulary Mastery:** The core skill being measured is students' vocabulary mastery. This refers to the ability of students to understand, use, and retain new vocabulary words effectively.

### D. Formulation Of the Problem

Based on the problem identification and problem limitations above, the problem formulation in this research is:

1. Is the use of interactive videos on the khan academy platform effective on students' vocabulary mastery of the eleventh grade at SMK Islam Panca Hidayah Kalidawir?



### **E. Research Purposes**

1. To find out the use of interactive video on the Khan Academy platform effective on students' vocabulary mastery of the eleventh grade at SMK Islam Panca Hidayah Kalidawir

### **F. Research Hypothesis**

Based on the research problem "Is the use of interactive videos through the Khan Academy platform effective for vocabulary mastery at SMK Islam Panca Hidayah Kalidawir?"

The researcher formulates a hypothesis as follows:

1. Null Hypothesis ( $H_0$ ):

The use of interactive videos through the Khan Academy Platform is not effective in improving students' vocabulary mastery at SMK Islam Panca Hidayah Kalidawir.

2. Alternative Hypothesis ( $H_a$ ):

The use of interactive videos through the Khan Academy Platform is effective in improving students' vocabulary mastery at SMK Islam Panca Hidayah Kalidawir.

### **G. Benefits of Research**

#### **a. Theoretical Benefits**

Theoretically, this research is expected to be the right solution by using smartphones as a learning medium, through interactive videos at Khan

Academy for learning in schools as a form of innovation for teachers or educators so as to increase students' interest in learning English subjects.

## **b. Practical Benefits**

### **a) For Researcher**

For researchers, they hope to be able to utilize experience in preparing proposals so as to gain additional knowledge, especially regarding the use of learning media which can increase students' interest in learning.

### **b) For Students**

Practical benefits for students, it is hoped that with this innovation in learning media, teaching and learning activities will be more interesting, less boring, create an interactive, more enjoyable classroom atmosphere and increase students' understanding of the material and improve their abilities.

### **c) For Teacher**

- 1) Provide a means of knowledge about learning media innovation.
- 2) Provide new experiences for applying learning media in learning activities.
- 3) As a reference for selecting learning media used by teachers to improve the learning process, make classroom facilities interactive, and increase students' interest and abilities.

#### **d) For Schools**

This learning media was developed with the hope that it can provide new innovations for educational institutions in developing various learning media and can be used to add learning media references that can be used by schools in the learning process.

### **H. Definition of Terms**

So that there are no mistakes in understanding the terms listed in this research, the following is an explanation or definition of the terms contained in this research:

#### **1. Interactive Video**

Interactive video is an audiovisual-based storytelling method that invites viewers to cinematically packaged media as users, owners, and active participants, The material packaged in videos makes it easier for students to learn and understand the message that must be conveyed <sup>9</sup>.

#### **2. Khan Academy**

Khan Academy is a nonprofit educational organization created in 2008 by Salman Khan. The organization aims to create a set of online tools that help in providing education to anyone everywhere. Inside the platform,

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<sup>9</sup> Kab Tasikmalaya and Kata Kunci, "Journal of Sport Coaching and Physical Education Strategi Pembelajaran Melalui Video Interaktif Pada Masa Pandemi Terhadap Peningkatan Minat Belajar PJOK Di SMA Negeri 1 Cineam" 7, no. 1 (2022): 80–86.

students can watch videos, read articles, and do exercises to study the selected topic <sup>10</sup>.

### 3. Vocabulary Mastery

Mastery of vocabulary will help students to be successful in using the language. By having mastery of vocabulary as a basic unit in learning English, students are helped to understand how words work in written and spoken form. Students will be able to understand the meaning of certain words, how to pronounce words in a foreign language, how to read words, and also how to write them in writing <sup>11</sup>.

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<sup>10</sup> Author Karimov et al., "This Is a Self-Archived Version of an Original Article . This Version May Differ from the Original in Pagination and Typographic Details . Copyright : Rights : © 2023 Copyright Is Held by the Author ( s ) Rights Url : Please Cite the Original Version : Th," 2023, 466–73.

<sup>11</sup> Indrian Juwita and Drs Sunaryo, "USING VOCABULARY SELF-COLLECTION STRATEGY (VSS) TO INCREASE MASTERY THE JUNIOR HIGH SCHOOL STUDENTS' VOCABULARY," no. September (2013), file:///E:/SKRIPSI/SEMPRO/Artikel/VOCABULARY/keren isinya.pdf.