CHAPTER I

INTRODUCTION

This chapter consists of the background of the study, the problems of the study, the objectives of the study, the significance of the study, the scope and the limitation of the study, and the definition of the key terms.

A. Background of the study

International standard school is craved by every country in this world. The schools which have fulfilled the indicators of international standard school will be able to produce good English competence and compete with other the developed countries. Therefore, the government policy in Indonesia tries to set up the program of international standard school.

SMAN 1 Krian is one of senior high schools in Sidoarjo. The learning in this school is supported by complete facilities such as mosque, MIPA laboratory, computer multimedia, language laboratory, library, garden hall, cooperative, canteen and commodious parking lot. SMAN 1 Krian also has been holding some extracurricular activities like sports, art, reciting holly Quran art, scouts, and youth red cross. The complete facilities and many extracurricular activities support the students in SMAN 1 Krian to be one of favorite senior high schools and the most favorite school in the sub district of sidoarjo.

As a favorite school, SMAN 1 Krian is selected by the policy of national education ministry. The result is that SMAN 1 Krian becomes a Pilot Project of International Standard School. As a Pilot Project of International Standard School, SMAN 1 KRIAN has run the school programs that are similar to the program of international standard school in general. Not only are good facilities available in the school but teaching all subjects in English also must be conducted perfectly, especially teaching science.
Up to now, there are three schools in Sidoarjo which have been pilot project of international standard school such as SMAN 1 Sidoarjo, SMA Muhammadyah 2 Sidoarjo, and SMAN 1 Krian Sidoarjo. At this point, the researcher chooses SMAN 1 Krian as the object of his research because of some reasons. SMAN 1 Krian which is being a pilot project of international standard school was established earlier than SMAN1 Sidoarjo and SMA Muhammadyah 2 Sidoarjo. SMAN 1 Sidoarjo became a pilot project of an international standard school in 2006 and SMA Muhammadyah 2 Sidoarjo was in 2008. SMAN 1 Krian Sidoarjo became an international standard school in 2009. In this condition, SMAN1 Sidoarjo and SMA Muhammadyah 2 Sidoarjo both have a better curriculum and program than those of SMAN 1 Krian Sidoarjo.

In addition, SMAN 1 Krian is located in rural area. The rural communities in which SMAN 1 KRIAN is located have a majority of lower-middle economic family. Most of them work as farmers, entrepreneurs even pedicab drivers. Such economic background influences most parents in that area in choosing SMAN 1 KRIAN as a school for their children.

On the other hand, the professional teachers of urban school like SMAN 1 Sidoarjo and SMA Muhammadiyah 2 Sidoarjo look more prominent than those in SMAN1 Krian Sidoarjo as a pilot project of international standard school. It is because as the requirement to become a pilot project of international standard school is that thirty percent of the teachers have to hold master’s degree in their studies.

Both schools had fulfilled the requirements of a pilot project of international standard school according to the department of national education because they have about thirty percent teachers who hold master’s degree. In SMAN1 Krian, the teachers are still on the process to fulfill the requirement of minister of national education as a pilot project of international
standard school.

English is easy for an English teacher when he or she teaches the lesson because an English teacher absolutely has expertise in teaching English. In this condition, the English instruction like pronunciation, grammar, language has to be implemented in the classroom. To be an expert in English, the teacher has to master the important skills: those are listening, speaking, reading, and listening. If he masters those skills, he will enjoy teaching and learning process.

As a pilot project of international standard school, all teachers are expected to be able to teach their subjects in English. Actually it will give a challenge for non-English teachers who try to teach their subjects in English in the classroom because English is as foreign language in Indonesia. Therefore, the teachers have to struggle to teach their lesson especially for non-English teacher.

English instruction must be conducted in all grades from the first to the third grade. However it is more likely to conduct English instruction in the second grade. There are some reasons of why the second grade becomes a choice.

The second class is considered capable and mature in learning by English instruction. It is because in the previous class, the students had been taught all subjects in English although it was not fully in English. The third grade should focus on final examination. So, English language instruction is more conducive and totally conducted to the second grade.

This study deems essential because as in the curriculum of the International Standard School in Indonesia, it is stated that English is used as the medium of instruction in teaching English, mathematics, science and technology, and it is used to communicate outside the class (Depdiknas, 2007). From this statement, the researcher argues that it seems difficult to conduct teaching all subjects and causes much argumentation. As we know that English is a foreign
language, not everybody masters English because mastering English will take time.

In this condition, the Indonesian teacher will face the difficulty in teaching their lesson in English, because most of Indonesian teachers do not have Basic English education. Moreover the student’s language proficiency levels are low.

Based on the reason stated above, the researcher will do a research on how the use of English in teaching Mathematics at the second grade of SMAN 1 Krian Sidoarjo. At the same time, the researchers will analyze whether the use of English is applicable to be implemented or not.

B. Problems of the study

Based on the background of the study above, the research questions of this study will be:

1. Is there any problem of using English to teach non English subject for the second grade students of SMAN 1 Krian Sidoarjo?

2. How do the students respond toward a non English teacher using English to teach her subject?

C. Objectives of the Study

1. To find out the problem of using English to teach non English subject for the second grade student of SMAN 1 Krian Sidoarjo.

2. To know the students respond toward a non English teacher using English to teach their subject.

D. Significance of the Study

The result of this study is expected to be of any use. They are both theoretical and practical purpose. Theoretically, the result of this research is expected more to motivate the teacher for teaching his subject matter in English especially mathematics.
Practically, this research is expected to be useful for the students, the researcher, the teacher, and the future researchers.

1. The students

This study is valuable for the students of SMAN 1 Krian because it will help them to get motivated and increase their English achievement. Then, they can use their English every time at their school.

2. The researcher

The result of this study is helpful to the researcher to find the knowledge more from the teacher, especially for new vocabularies in their specific subject like mathematics. In addition, this result of this study is to fulfill the requirement for getting bachelor degree in English education department at state institute of Islamic studies.

3. The teacher

This study is expected to give some essential information on using English for teaching mathematics especially for non English teacher like a mathematics teacher.

4. The future researchers

This research is useful for other researchers as reference to conduct research corresponding to similar problems, like the use of English for teaching non English subject matters.

E. Scope and Limitation

Based on the previous explanation in the background of the study, this research will be held in SMAN1 Krian Sidoarjo. This research discusses and focuses on using English for teaching non English subject matter.

The researcher chooses the second grade as the scope because the second grade is
considered more capable, mature and possible in learning mathematics in English than the first or third grades. This study is limited in data source by a mathematics class. In the same time, it focuses on knowing the use of English as an instruction for teaching mathematics for students of the second grade SMAN 1 Krian Sidoarjo.

F. Definition of Key Term

To avoid confusion over the title, it is necessary to explain the following terms:

1. **Use**: act of using something, state of being used.\(^1\)

2. **Use of English**: act of using English, state of being used.

3. **Teaching**: giving lesson to somebody.\(^2\)

4. **Teaching mathematics**: giving the mathematics lesson to somebody.

---


\(^2\) Ibid, 455