

## CHAPTER I

### INTRODUCTION

#### A. Research Background

Indonesia government has implemented curriculum 2013 as a new curriculum in Indonesia since academic year 2013/2014. This curriculum is designed to develop the Competence-Based-Curriculum (*Kurikulum Berbasis Kompetensi* or KBK) that has been implemented since 2004 and KTSP (*Kurikulum Tingkat Satuan Pendidikan*) in 2006 that covers affective (attitude aspect), cognitive (knowledge aspect), and skill aspect. Besides that, curriculum 2013 also implement scientific approach in teaching and learning process. In the regulation issued by the Minister of Education and Culture (*Permendikbud*) No. 81A/2013, stated that the learning process according to the curriculum 2013 is a process of education to provide opportunities for students to be able to develop their critical thinking and improve the teachers' mind set in teaching process.

Scientific approach is a learning process adopting scientific steps in developing knowledge through scientific method (*Permendikbud* No. 65 th 2013). It is an approach that can develop the students' affection, skills and knowledge. Scientific approach places students as a learning-centered and also encourages students to be an active and critical student. *Kemendikbud* (2013) stated that there are five steps of

applying scientific approach in teaching learning process, they are observing, questioning, associating, experimenting, and networking or communicating.

The function of scientific approach for teachers is the change of the teachers' role in the classroom. Teachers will not be the learning center, but they just become facilitators for students. They help students to discover the new knowledge. For the students they are able to develop their affection, skills, and knowledge aspects. The teachers' understanding is also important in implementing this approach. It is needed to know how far the teachers' understanding about implementation of scientific approach.

As the new curriculum has been initiated, the use of a scientific approach or method becomes prominent with regards to the decree of the Minister of Education and Culture No. 69/2013 that requires the integration of the scientific method to all subjects including English. Consequently, English teachers are required to conduct the successful interaction through the scientific method in order to help students gain their target language mastery. In English teaching and learning process, teachers are responsible to give a meaningful learning to the students. The teachers have to think creatively in gathering new ideas for teaching and learning activity in the classroom. The teachers also consider the difficulties in applying scientific approach in the classroom because they may not get enough training and professional development (Mulyasa, 2013). Consequently, this condition has led teachers to own different beliefs and perception regarding scientific approach.

Based on the statement above, it is needed to know the teachers' perception in English teaching and learning process based on scientific approach at four Senior High Schools in Banyumas. Their perception provides information of fact about applying a scientific approach in English teaching and learning process.

## **B. Reasons of Choosing the Topic**

The reason why the topic chosen area:

1. Scientific Approach is a new approach in English teaching and had been implemented in senior high school.
2. Provide the information of facts about teachers' perception in English teaching and learning process based on scientific approach.

## **C. Problem of the Research**

The problem of the research can be formulated in the following research question:

“What is the teachers' perception in English teaching and learning process based on scientific approach?”

## **D. Aim of the Research**

Based on the reasons above, the aim of the research is to find out the teachers' perception in English teaching and learning process based on Scientific Approach.

## **E. Benefit of the study**

There are three main benefits which can be obtained from this study. The benefits are presented in this following numbers:

1. For English teachers in the senior high school

By understanding about scientific approach, the teacher will know how to maintain their teaching and learning process based on scientific approach especially in English lesson.

2. For students who are using curriculum 2013 in learning English

This study will be useful for the students, especially senior high school students who are using curriculum 2013 in learning English. By understanding the mechanism used by the teachers in applying scientific approach in teaching English, students can anticipate the problem by doing the best effort in their English learning process (listening, speaking, reading and writing skill)

3. For future researcher

The researcher hopes that this study inspires future researcher to conduct the study that is related to apply scientific approach in English teaching and learning process in the school.