

CHAPTER I

INTRODUCTION

1.1 Background of the Study

Reading is one of the four basic skills in English. Reading requires more concentration too. Through reading, writer can communicate with readers about particular topics. By teaching reading in formal institution such as school, it is hoped that reading will help students to improve their English competence. Brown (1994) stated that teaching process needs a scene and strategy to from students understand a written communication in a passage, since it cannot be divided with other language skills. Because the purpose of teaching program is to achieve the target of reading comprehension if teaching approach is applied by teacher successfully.

Scientific approach (SA) has been adopted into teaching and learning process as government has introduced curriculum 2013 (K-13). In keeping by Fauziati (2013) “scientific approach could be an educational approach utilized in classroom in which the approach in teaching is proved consistently in science at its truth and it includes strategy of learning to have students’ interaction in the process of knowledge and teaching method is scientifically assessed and shown to succeed in various students”. The curriculum 2013 emphasizes scientific approach (SA) for teaching within the learning session, because it's considered effective for students to be competence in knowledge supported by the experiences of students in learning language.

The Minister of the Education and Culture as the representative of government applies a program so - called the test for the curriculum 2013 (K13), and it's used from the level of primary school to senior high school. The curriculum 2013 emphasizes scientific approach (SA) for teaching in classroom activity, since the effectiveness is considered to support the experience in gaining knowledge for higher education students.

The scientific approach (SA) could be a new approach in teaching supported the curriculum 2013 (K-13). In fact, an approach maintains to grow and develop in each period of time. It is known that Scientific Approach consists of five stages, as following:(1) observing, (2) questioning, (3) experimenting (4) associating, (5) communicating. Those steps need to be realized by teachers in each teaching or learning process. In keeping with Marina, et al (2013) stated that the aim of Indonesia's curriculum has its target in junior high school (SMP) and senior high school (SMA) to improve their competence, knowledge, personality, modesty, and skills in order to accomplish into higher level of education. Government exclusively pointed several school to apply the curriculum 2013.

Learn online is so powerful, it is additionally adaptable medium which can suggest innovative learning encounters to understudies, however it is up to the teacher to its realization. An accomplishment in direct teaching learning in classroom does not guarantee the same achievement in online learning, because it is considered different. The objective of the two designs is the same – to assist students in enhancing their knowledge, abilities, and also understanding. Moreover, the success in offline classroom can be least efficient done in online

class, or vice versa. The primary step to be an effective online lecturer is to realize that you will have to approach it as a unique involvement.

Online learning provides flexibility, independence and self-centered for students as their preference. That does not suppose to propose, however, that they are not also eager for an exceedingly engaging, associated, and guided experience that both ignites their enthusiasm for learning and recognizing them as individuals. Since the characteristics of online learning, the online meeting could have more obstacles rather than direct learning process, otherwise the opposite could be true. Online courses proposed differences of distinctive ways for teacher to cooperate with learners, and allow teacher to draw on an arrangement of learning tools and materials to do so.

There are some previous studies related to the implementation of the Scientific Approach in teaching reading comprehension. Made Oriana Pitria (2018) investigated a study entitled "The Implementation of Scientific Approach in Teaching English: A Case Study at SMA Cendana Pekanbaru". Through the investigation, the researcher tried to find out the implementation of the Scientific Approach in teaching English at SMA Cendana Pekanbaru. The result of the investigation resolved both teachers have a great fundamental knowledge of the scientific approach. Afrianto (2015) entitled "The Implementation of Scientific Approach for Teaching English in Senior High School: Voices from the Field". This design of the research was qualitative study in general. It was considered to discover the Scientific Approach implementation for teaching English in senior high school particularly issued from the field. The result showed about that implementation may have been not successful however in real classroom. It

requires a coordinated and well-managed effort from related sides to create beyond any doubt that the proposed approach can positively influence the efficiency of English teaching within the real situation.

Moreover, Shivangi Dhawan in his study entitled "*Online Learning: A Panacea in the Time of COVID-19 Crisis*" discuss about Educational teacher (schools, colleges, and universities) in India are recently looked up on conventional learning method, it follows the setup of direct classroom interaction. Even though there are many institutions have adapted blended learning, it cannot be denied that they are still stuck with traditional learning procedure.

The situation of COVID – 19 outbreaks challenged the education system over the world and constrained educators to be familiar with an online teaching. There are numerous educated teachers that were earlier hesitant to change their educational approach had no alternative except to move totally to online teaching-learning. The journal also put few light on the development of Tech Start-ups amid the pandemic situation and involves recommendations for academic teachers of how to deal with challenges related to online learning.

As a teacher, they have to deal of controlling how students communicate with academic content, peers, and education personnel. It is important that teacher provides a solid, clear systematic in general academic plan, and complete it with resources, media, and tasks that attract learner into enthusiasts to investigate the learning substance. However, the teacher presence is important in the course itself.

In school, there must be an expectation put to provide an objective, standardized approach to creating experiment and improving result in the end. By employing a standardized approach in their investigations, researcher can feel sure that they will stick to the facts and restrain the impact of individual and biased ideas. But the reality the standardized approach is not used in school. As it is expected in the theory, scientific approach is considered as an old yet new approach since its implementation in science, moreover, it is currently adapted in whole subject including English. The scientific approach is based on the Bruner's theory which states that the learners study and construct the knowledge through the cognitive process (Hosnan, 2014).

The preliminary data based on the results of investigations related to teachers' point of view of Scientific Approach that it is a concept where the teacher takes role as facilitator and it is focus on student-centered. The scientific Approach guides students to be aware of the material by implementing observing, questioning, experimenting, associating, and communicating.

This statement is observation from Rahmiwardah in which the teacher organized activities of observation, questioning, associating and communicating. In some occasion, she only applied three steps which are questioning, experimenting and communicating. She also did not implement the five steps of the scientific approach in her class. In the four steps of implementing of the scientific approach were done by the teachers as following:

- First, in observing step: teachers ask the students about seriousness, and looking for information related to reading text.

- Second, in questioning activities: teachers require students to improve creativity, interest and the capability to ask questions from a topic.
- Third, in associating steps: teachers trained to help students expressing ideas critically, how they make supportive or contrast statements.
- Fourth, in communicating activities: students must be able to develop their capability to state the idea and train their skill to use language after reading a text.

It means there were three steps of Scientific Approach implementation that teacher conducted as it is mentioned in the following: First, observing, students were trained by teacher related to seriousness, thoroughness and looking for information about reading text. Second step is questioning, where teacher asked students to develop creativity, eagerness to find any material and the ability in questioning. Third is communicating activities, in which students are asked to improve their competence in delivering the ideas and demonstrate their language skill after reading through the text.

Based on the conclusion above, it shows that the experiment step was not applied amid teaching and learning process nor the step of associating along with the activities by implementing observing, questioning and communicating which occasionally implemented in class.

Therefore, the researcher interested to research the implementation of scientific approach in MTSN 2 Medan because: (1) it's appointed by the government to be one in all the test schools which applies the curriculum 2013 (K-13), (2) the school is the place where the researcher teaches, supported the reason above, researcher has intention to require a look entitled "The Strategies of Scientific Approach in Online Teaching Reading Comprehension in MTSN2

Medan”. The objectives of this research are to analyze how teachers implement the scientific approach in teaching, to explain problems faced by teachers in implementing scientific approach in teaching and why it occur the way they are.

1.2 The Problem of the Study

Based on the background, these followings are the formulation of the problems stated in questions:

1. How are the stages implemented in scientific approaches in online teaching reading comprehension?
2. Why are the stages implemented as the ways they are?

1.3 The Objectives of the Study

On the basis of the above problems, this study determines the objectives as:

1. To describe the stages of implementing in online teaching reading at MTsN2 Medan.
2. To reason the scientific approach used by English teacher at MTsN2 Medan as the ways they are.

1.4 The Scope of the Study

The scope of the research focused to the problem of implementing the stages in the teaching reading comprehension to the Junior High School for 2nd Grade in MTSN 2 Medan.

1.5 The Significance of the Study

The findings of the study are projected to be applicable and significant in theory and practical condition. In the following significances of the study are described theoretically and practically.

Theoretically, the findings will enrich the knowledge on the application of the scientific approach theoretically and give some contribution of teaching English as foreign language.

Practically, the scientific approach will give some contributions for the application in the teaching strategies, in other views, the teachers practically could follow the process of scientific approach.

