

CHAPTER 5

CONCLUSION

5.1 Summary

The Scientific Approach is an approach used in Indonesia's newest curriculum, Curriculum 2013. However, not all schools apply this curriculum because the schools are not ready to implement Curriculum 2013. The minister of culture and education gives an opportunity to the schools to implement the School Based Curriculum or Curriculum 2013.

Learning using Scientific Approach is one form of creative learning to improve the creativity and the logical thinking of the students. In Scientific Approach there are five steps. The steps are observing, questioning, experimenting, associating and communicating (networking). Those five steps make the learning process using Scientific Approach become the learning process which improves the creativity and logical thinking of the students.

The data analysis, the research findings and the discussion of the findings lead the researcher to come up with some conclusive points. Firstly, the two teachers under study have already prepared well their teaching by developing their lesson plans well before teaching English to their students. Creativity is demanded in developing more innovative and creative lesson plans. The most creative the teacher is the better the lesson is.

Second, the two teachers under observation show that they have delivered their teaching learning process using Scientific

Approach well. They have followed all the steps of Scientific Approach.

Third, the learning process using Scientific Approach gave a good impact to the development of the students' creativity, critical thinking, and learning interest. By learning using Scientific Approach, the students could learn English and understand the materials well, enjoy the class activities, and think critically about the mistakes made by others.

Fourth, the teachers' role and ability in managing the class is really important to implement Scientific Approach well. The classes in which Scientific Approach was implemented were very active and sometimes caused some problems like the students' noises, and the students who needed more attention and support from the teachers.

Fifth, the more experienced teacher could implement Scientific Approach better in the teaching learning activities. The experienced teachers could handle the student and classroom activities well; implement all the steps of Scientific Approach easier; and do his/her roles as the facilitator of the learning processes.

In conclusion, the implementation of Scientific Approach in the teaching of English to junior high school students has already been done well by the teachers in YBPK Christian Junior High School. Besides, it is also found that in the process of implementing Scientific Approach required the teachers' efforts to be more competent, creative, and active.

5.2 Recommendation

This research reveals that the implementation of Scientific Approach to teach English to junior high school students show some fact and problems during the process of implementing Scientific Approach. From the findings of the facts and problems, there are some recommendations dealing with this study.

For the teachers, the researcher recommend some points that can help the teachers implement Scientific Approach in teaching English, especially to junior high school students.

First, the teachers have to make and prepare the lesson plan well before teaching in the classroom. Planning is important things to make everything scheduled and organized. By making lesson plans, the teachers have the plans of the teaching learning activities that they are going to conduct.

Second, the teachers have to learn more about how to implement Scientific Approach in the teaching of English. By knowing more about the implementation the teachers can be more confident to implement Scientific Approach in the teaching of English.

Third, the teachers have to be creative teachers in implementing Scientific Approach. Creative teachers can design the activities more creatively and interactively for the students. By designing creative and interactive activities, the students will learn creatively and enjoyably through Scientific Approach.

Fourth, the teachers have to increase the classroom management skill to implement Scientific Approach. Scientific Approach is one form of creative and active learning that demands the

teachers to have good classroom management skill to control the teaching learning activities.

Fifth, the teachers have to be aware with their roles in their teaching using Scientific Approach. As this approach uses the student's centred learning concept, the teachers have to avoid the theoretical explanation and let the students take huge parts in getting the idea of the learning materials.

Last, the teachers have to be active in encouraging all students in the classroom. Learning using Scientific Approach is a learning process which needs the involvement of all the students in the classroom. If the teachers are active in encouraging all students in the classroom, the students will enjoy their learning.

There are one recommendation for the students. The recommendation is that the students have to be brave and active in learning English using Scientific Approach. By being brave and active, the students will be ready to face the demand of the era which needs the creativity and the critical thinking of the students.

For the schools implementing Scientific Approach in their schools, there are two recommendations given. First, the schools have to provide and support the teachers with some teaching learning media like LCD projector, books and others.

Second, the schools need to help the teachers in understanding the core competences and basic competences from the syllabus. The schools can help the teacher with a kind of discussion to understand and measure the competences together. The basic competences are the national standard of teaching learning activities. By helping the teachers to understand that competences, the schools

also help the government to achieve the objectives of the national competences.

For the government, the researcher also recommend some points that can help the government in implementing Scientific Approach for the schools in Indonesia.

First, since the success key of implementing Scientific Approach is the teachers, the government should give more training to the teachers who are less competent in implementing Scientific Approach. By giving training, the government improve the knowledge of the teachers, so the teachers can be more competent in implementing Scientific Approach.

Second, the government has to measure and identify the basic competences of each grades with the time allocation to teach those basic competences. In one academic year, the government has already known how much time the teachers have. Because of that, the government has to make sure that the time is enough for teachers to teach all the basic competences and the implementation of Scientific Approach can be applied well to get the maximal result for the students'' development in creativity and critical thinking.

In conclusion, there are eleven recommendations given by the researcher to the teachers, the government and the students in Indonesia to improve the implementation of Scientific Approach in the teaching of English to junior high school students in Indonesia.

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