

CHAPTER V

CONCLUSION

5.1 Conclusion

Based on the research, the implementation of zambak modular system in physical chemical changes and the evidence of chemical reaction concepts in one of bilingual school in Bandung, it can be concluded in six points.

Firstly, the characteristics of zambak modular system has fulfill the requirement of ideal module with national module. So, the zambak modular system can assume as the attractiveness teaching material for students and teacher. The systematic writing of zambak modular system is refer to department of education is almost same, but there are some part not present in this module and teacher completing that through Zumre. While there are 8 merits of the ideal module that use in Indonesia. Zambak modular system has reach 6 characteristics there are serving individual differences, presentation associative, systematic and gradually, maximize the communication in the learning, emphasize on to participatory/ the activeness of students, and evaluation of mastery material.

Secondly, the content material that provide by zambak modular system is complete and well organized for teaching and learning process. The completeness of the features and activities can make teacher easy to convey the concept to the students.

Thirdly, the effectiveness implementation of zambak modular system as one of teaching material sources has proven with students activity result. The respond of students in teaching and learning activities to the zambak modular system is lead to make the situation of learning running well. It described in the content organization and learning cycle. In the content organization and learning cycle, the roles of zambak modular system make a good connection in teaching and learning process between teacher and students. So, between teacher, students, and zambak modular system there is a link cycle in the teaching and learning

process that cannot be separated from each others. The implementation of zambak modular system can be a complete model for others teaching material become better.

Fourthly, the factors that influencing the implementation of zambak modular system are media, approaches, methods, the role of teacher and students, support and resources, assessment and feedback, and evaluation. All of the factors are providing by school to make students understand to the content material.

5.2 Recommendations

Based on the conclusion of the research, the recommendation are:

1. To make zambak modular system appropriate with Indonesia curriculum, so it should hold discuss about the content format of module because there are some part missing such as objectives, etc.
2. The school has provide more the information about the using of zambak modular system as their sources of teaching material.
3. This research just focuses on the 8th grade class and chemistry subject. It's better if the scope of research broader. It can make the researcher get a lot of sources of the usefulness of zambak modular system.
4. Hopefully the other school can adopt the advantages of using zambak modular content based on content and features in the module.
5. The learning cycle in implementing zambak modular system can help teacher in organizing the content for the students.
6. For chemistry teacher can use the learning cycle and content organization to make teaching and learning process organize well.