

CHAPTER V

CONCLUSION AND RECOMMENDATION

A. Conclusion

Based on the chapter IV of the data that have been occurred in one Junior High School in Lab School Bandung at grade 7th about the role of video animation as an media in the learning process in the concept of separation of pure substances and mixtures can be concluded that :

1. The implement of video animation in learning process is better to enhance students' understanding of the concept about separation of pure substances and mixtures then the implement of powerpoint presentation to deliver the material. Thus, video animation improves students' concept mastery in the experimental group. It's based on the data obtained in this study, that N-gain for experimental group is highly significant than control group. Average of N-gain in experimental group is 0.35 and control group is 0.24.
2. Video animation can improve students' concept mastery in the concept of separation of pure substances and mixtures. It can be seen in each cognitive level that measured in this study is increasing . Cognitive level that measured in this study is remembering ability (C1), understanding ability (C2), Applying ability (C3), analyzing ability (C4), evaluating ability (C5) based on Bloom's Revised Taxonomy. Based on data above, all cognitive level has improvement except two cognitive level which is remembering ability and understanding ability. The highest result of N-gain is seen in C4 (analyzing ability) is 0.65 and C5 (evaluating ability) is 0.43. Meanwhile, in the sub content of techniques of separation gets highly significant of N-gain which is 0.87. So, video animation influence the student's concept mastery in the sub content of separation technique.

B. Recommendation

There are some recommendations from researcher as following:

Sadokat Narmetova, 2014

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1. It needs further research on the implementation of video animation in another science subject, such as physics and biology.
2. In the further research, beside determine students' concept mastery in cognitive level also determine the psychomotor aspect of the students.
3. Students worksheet provides in the video animation must be developed in the next research.
4. Questionnaire must be developed to know the students respont in teaching-learning process.

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