

CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

Based on the results of the research and discussion that have been described, the conclusions obtained in this study are as follows:

1. The development of e-student worksheets assisted by flip pdf corporate based on discovery learning on sound wave material which was developed and validated by material experts and media experts fulfilling very valid categories used in learning activities with an average percentage by material experts 95% and media experts 99.07%.
2. The e-student worksheets based on discovery learning that was developed got a very good response from physics teachers with an average score of 89.2%, small group trials with an average percentage of 83.92% and large group tests with an average value of 84.2%, which means that the developed e-student worksheets is very good to use in learning.
3. The level of effectiveness of e-student worksheets assisted by Flip PDF corporate based on discovery learning on sound wave material that has been developed is in good category from classical completeness criteria analysis with a value of 61,11%, the results of an average N-gain value of 0.56 in the medium category, the result of a paired t-test value of -11.009. It means the e-student worksheets that has been developed is effective in improving student learning outcomes.

5.2. Suggestion

Suggestions that can be given based on the results of the research that has been done are as follows.

1. For further research, the 4D development model used at the dissemination stage is then implemented so that it can be accessed or understood and used by users.
2. The application of e-student worksheets should be done in more than one class so that you can find out more differences in learning outcomes.