

CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

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

1. Development of Experiment Student Worksheet based on Guided Inquiry assisted by PhET Simulation on Work and Energy topic that has gone through the define, design and develop stages can be concluded that it is feasible to use in the learning process based on the validation results of material experts with a percentage of 93%, material experts 92% which each percentage is included in the very feasible criteria.
2. The response of teacher, especially physics teachers, obtained a percentage of 97% and is included in the very feasible criteria. The response of students in small group trials involved 9 respondents obtained a presentation of 95% which is included in the very feasible criteria. Meanwhile, in large group trials involved 35 respondents obtained a percentage of 94% with very feasible criteria.

5.2 Suggestion

Based on the conclusions above, the authors propose several suggestions in overcoming problems found in the field:

1. This study only arrived at the practicality test, namely the teacher's response and the student's response. It is hoped that further researchers will continue to test the effectiveness to find out the effectiveness of this LKPD or until the learning outcomes of students.
2. The next researcher should not only stop at the stage of development, but also at the stage of disseminate so that the educational material is more useful and can be used directly by the whole community
3. For better results, it is hoped that further researchers will use more than 1 teacher as a teacher response so that the assessment can be clearer.

4. To get maximum results, it is necessary to carry out further research on a larger and wider sample.
5. Research development using instructional 4D model, this resulting LKPD based Guided Inquiry with PhET Simulation on Work and Energy topic need to more an other topic in physics.
6. Learning using LKPD based Guided Inquiry with PhET Simulation on Work and Energy topic this should be done continuously as a habit for students to achieve optimal results.

