

## CHAPTER V

### CONCLUSION AND RECOMMENDATION

#### A. Conclusion

A research of profiling students' creativity and concept understanding in science mini-project activity has been conducted systematically, and conclusions is drawn based on research problems as follows:

1. Students' creativity profile can be investigated through science mini-project activity in creative product ideas making based on the three dimensions of creative product. Average result of students' creativity scoring percentage is 85%, which categorized as high. In novelty side, 64% of students are categorized as very high, 10% are high, 16% are fair, and 10% are very low. In resolution, 63% of students are categorized as very high, 32% are high, and 5% are fair. While in elaboration and synthesis, 42% are categorized as very high, 32% are high, and 26% are fair. Average score of novelty is 83% which categorized as very high, resolution is 88% as high, and elaboration and synthesis is 84% as high. Based on group result, the average score of novelty is 85% which categorized as high, 91% for resolution which categorized as very high, and 89% for elaboration and synthesis which categorized as very high.
2. Through science mini-project activity, students' concept understanding in creative product ideas making in term of giving relevant solution under the concept can be investigated as well. The result shown that 68% of students are categorized to have very high concept understanding, 26% are high, and 6% are fair.
3. Regarding to students' response, 76% of students are agree that they are enjoying science mini-project activity in classroom. 82% of students are agree

that they are understood the concept given, and 85% of students are generally agree that they feel the creative learning by letting their creativity and imagination to work with the project.

## **B. Recommendation**

Based on the findings of research and discussion that has been conducted, researcher conveyed several recommendations for further research as follows:

1. In order to get the more details in profiling students' creativity, other aspects to investigate students' creativity such creative personality and creative thinking skill test. Those two additional datas will support students' creativity result from product, as they are related to each other.
2. Scoring for concept understanding in creative product ideas need to be developed more as it is still less to be used in classroom assessment. Rubric scoring has to be structured and clear in order to gain deeper data.
3. Communication book which work as novel product from research could be a good answer in supporting students' experience on science mini-project activity. Communication book need to develop more in the form of questioning, regarding to cognitive level, and suggested to be used as a form of guidance book for students' in doing mini-project.