CHAPTER V
CONCLUSION & SUGGESTION

5.1 Conclusion

Based on the results of the research, the conclusions obtained are:

1. The results of learning chemistry on chemical bonding material for class X MIA 1 at SMA Negeri 16 Medan using Android-based chemistry learning media are greater than the minimum completeness criteria (> 75), with the average of students' post test scores of 89.56 from an ideal score of 100 .

2. The percentage of student learning interest obtained by using Android-based chemistry learning media on chemical bonding material is 85.34% and is in the high category. This shows that the use of Android-based chemistry learning media is effectively applied in chemistry learning, especially in chemical bonding material in class X SMA.

3. The average acquisition of learning outcomes with student interest in learning has a significant relationship with the acquisition of a Sig. (2-tailed) price of $0.001 < \alpha$ (0.001 <0.05). Seen from the Pearson Correlation value obtained, which is 0.548> 0.3921 ($r_{count} > r_{tabel}$), it shows that there is a relationship between the average increase in learning outcomes with a strong interest in learning and is positive.

5.2 Suggestion

Based on the research results that have been obtained, the author can give the following suggestions:

1. For schools, this research proves that the use of Android-based chemical learning media on chemical bonding material can improve student learning outcomes and student interest so that it can be used as an alternative in learning chemistry in class, especially during the COVID-19 pandemic..

2. For teachers, so that the implementation of learning using Android-based learning media can be carried out properly, it is better to prepare carefully the lesson plan, student worksheets, and questions and also pay attention to the time allocation needed

3. For future researchers who will conduct research, can use this research as an understanding in improving learning outcomes and also student interest in learning, especially in chemical bonding material.