

## CHAPTER V

### CONCLUSION AND RECOMMENDATION

#### 5.1. Conclusion

The conclusion of this research are:

1. Students who were taught using Guided Discovery approach had higher cognitive learning outcome ( $79.09 \pm 6.31$ ) than students who were taught using Free Discovery approach ( $74.09 \pm 7.43$ ). In which there was a 5% better when using Guided Discovery approach on human respiratory system topic for class XI IA SMA N 1 Berastagi.
2. There is no difference between free discovery and guided discovery approach on students' observation-application skill on human respiratory system topic for class XI IA SMA N 1 Berastagi.
3. There is no difference between free discovery and guided discovery approach on students' communication skill on human respiratory system topic for class XI IA SMA N 1 Berastagi.

#### 5.2. Recommendation

Having considered the findings of this research, the suggestions are:

1. Free Discovery and Guided Discovery approach need to be followed in the implementation of school. This approach can improve student learning outcomes and also can increase the students' science process skill.
2. In practice, teachers also need to choose the material according to the approach that will be used in the study so that the desired learning objectives can be achieved.