CHAPTER V

CONCLUSIONS AND RECOMMENDATION

A. Conclusion

The conclusion of the profile of students’ Nature of Science (NOS) on interaction of organisms and its environment topic at Sekolah Indonesia Kuala Lumpur are shown below.

1. The profile of Nature of Science (NOS) of Junior High School students at Sekolah Indonesia Kuala Lumpur achieves the most on tentative nature of science aspects. Meanwhile, creative and imaginative nature of scientific aspect is being the least achieve. Moreover, a good result of nature of science (NOS) on tentative nature of science aspect will be good for students’ future. The students who are good on tentative nature of science will act wisely especially to keep the sustainability of the nature. Someone who has good profile of tentative nature of science will have various possibilities and choices in life. Future, the students who get good result of tentative nature of science will be able to follow the advancement of global era so they will be able to compete with others globally. Furthermore, the least achieved of nature of scientific aspect is creative and imaginative nature of scientific knowledge aspect. Lower result of creative and imaginative nature of scientific knowledge aspect is not good for students’ future. In education, creativity contributes to future academic performance and academic skills which help students become better interpersonal and intrapersonal problem. Low result of creative and imaginative nature of scientific aspects will affect to students’ ability to compete globally because now on clever and smart without creative will not considerable value. More than that, the students with low result of creativity and imagination will not be able to follow the advancement of the technology and the knowledge. Thus, the innovation of science which is unique, new and useful for others will not be created.
2. Tentative nature of science aspect is the most highly achieved by the students of junior high school of Sekolah Indonesia Kuala Lumpur. It is proven due to the result of the research that 61.36% of the students achieve the highest score on tentative nature of science aspect, or there are 54 students.

3. Creative and Imaginative nature of scientific knowledge aspect possess the least achieved by the students of junior high school students of Sekolah Indonesia Kuala Lumpur. It is proven due to the result of the research that it is just 18.18% of the students or there are 16 students who achieve the highest score on creative and imaginative nature of scientific knowledge aspect.

**B. Recommendation**

Considering that this research is needed to be developed future, then this research give such recommendations not only for the future researches but also for the teachers to implement it in learning activity especially on Nature of Science (NOS).

1. For future researchers, firstly shall have strong instruments in measuring students’ Nature of Science (NOS). Moreover, students’ learning environment, social and cultural background shall also be considered in creating the instrument. Secondly, other researchers may have more samples, the more samples the more accurate the result of the research will be. In addition, future researchers can also take two different schools and compare the profile of Nature of Science (NOS) to have stronger result.

2. For teachers, based on the result of this research. The teacher shall explore students’ nature of science especially on creative and imaginative nature of scientific knowledge aspect. The teachers shall execute learning activity that covers all of nature of science aspects. So that, all of the aspects will be significantly good. Additionally, the teachers shall have
clearer explanations of all concepts of interaction of organisms and its environment.