

## CHAPTER V

### CONCLUSION AND SUGGESTION

In this chapter the researcher describes the conclusions, implications and suggestions compiled based on all research activities regarding the influence of student visual, auditory, and kinesthetic learning styles on Problem Solving Ability of Human Skeletal System topic in grade XI Science SMA 1 Silaen academic year 2018/2019.

#### 5.1. Conclusion

Based on the results and discussion of the research presented in the chapter previously, the conclusions that can be expressed in this chapter are as follows.

1. There is a positive and significant influence of the visual learning style towards Problem Solving Ability of Human Skeletal System topic in grade XI Science SMA 1 Silaen. The contribution for visual learning style towards the Problem Solving Ability of Human Skeletal System topic is 4.7% with regression line equation is  $Y = 29,163 + 0,309X_1$  and  $F_{count} = 4.572$ .
2. There is a positive and significant influence of the auditory learning style towards Problem Solving Ability of Human Skeletal System topic in grade XI Science SMA 1 Silaen. The contribution for visual learning style towards the Problem Solving Ability of Human Skeletal System topic is 6.0% with regression line equation is  $Y = 26,507 + 0.370X_2$  and  $F_{count} = 5.828$ .
3. There is a positive and significant influence of the kinesthetic learning style towards Problem Solving Ability of cell structure and function topic in grade XI Science SMA 1 Silaen. The contribution for kinesthetic learning style towards the Problem Solving Ability of Human Skeletal System topic is 8.3% with regression line equation is  $Y = 24,669 + 0.408X_3$  and  $F_{count} = 8.307$ .

## 5.2. Research Suggestion

Based on the conclusions and implications described in this research, researcher want to provide recommendations or suggestions that can expressed for some parties who need this research as follows:

### 1. For Student

During the teaching and learning process in class, students are required to always concentration in taking lessons by teacher and not being affected by condition from outside of the classroom. Each students need to recognize the learning style and optimize their learning styles, so that they are able to find methods learning that appropriate for students.

### 2. For Teachers

Each teacher expected to invite his students to recognize and understand the learning styles and teach of students to empower the learning style as much as possible. The teacher must adjust his teaching style according to the student's learning style. Teachers are required use a variety learning methods, so that able to coordinate each students learning style.

Every teacher should observe the kind of learning style in the class and make some methodh that can interest student to learn, because of the result in this research contribution of student that have kinesthetic learning style highest so the researcher suggest for change the teaching methodh to be more active like make some game which support the study. But teacher also must observe the learning style of student for better teaching methodh.

### 3. For School

In order for the students ability of Problem Solving is increase. The school is expected can facilitate students to know the characteristics of learning and the learning style of the student.