

CHAPTER IV

CONCLUSION

The resume of the analysis has pointed out that schemata affect the students' reading comprehension. Although the results show that the science students actually have lower scores in reading science tests than social-science test, we cannot say that schemata do not affect the reading comprehension or even negated it. This happens because although the students here are those from the class of science, they are still affected by the social science background knowledge.

The science students can comprehend social-science text better than science text because of three main factors.

The first factor is the students' mark of biology and history at the third trimester of the second grade. By looking at these marks (in *Table 5*), it can be seen that 13 students (36.1 %) get better marks in history than in biology, 4 students (11.11 %) get better marks in biology than in history, and the rest 19 students (52.77 %) get the same marks in both subjects. By this, it is proved that they have better level of knowledge in history than in biology.

The second is their duration of study in the third grade. When they took the tests, they have just been studying not more than a trimester, so they

were not well exposed to reading texts in science. Their focus was still about general reading texts.

The third is the passages the students study in the English lessons. High school students have the same subjects such as science and social-science at the first and second grade. They share the same general studies for two year time. This may cause the results. For two years they have the same reading texts and lessons to study, and automatically they have the same background knowledge. They are divided into two majors: science class and social-science class only at the third grade. According to their English teacher, Mrs. Clara, the third grade students still have the same English texts although they are divided into two majors. So, when the students of science class are given the scientific reading text, the students of social-science class are also given the same text and vice-versa.

BIBLIOGRAPY