

## CHAPTER 5. Conclusion and Suggestion

This chapter consists of conclusion and suggestion based on the result of research.

### Conclusion

From the description of the data, the first research question about whether the PBL could improve the students' critical thinking skills and English speaking skills. Findings of this study showed that the t-test indicated that there was a significant difference between the score of pre-test and post-test both in critical thinking and speaking. The score of  $t_{table}$  of critical thinking in significant level of 0.05 where  $12,77 > 1,73$ ., while the score of speaking in significant level of 0.05 where  $(34,33 > 1,73)$ . ( $H_a$ ) was accepted and ( $H_0$ ) was rejected. In conclusion, the Problem-Based Learning (PBL) method can improve the students' critical thinking skill and English speaking skill at SMK N 4 Gorontalo.

Moreover, the correlation of students' critical thinking and their English speaking skill was at "high" level of correlation. As a result, the variable X (critical thinking) gives the contribution to the students' speaking skill was 60,0625%. In examining hypothesis, the scores from t-test and t-table were compared. The  $t_{table}$  at the  $df = 18$  in the level of significance ( $\alpha=0.05$ ) was 1.73. As a result, it can be seen that  $t_{value} > t_{table}$  ( $5.203 > 1.73$ ),  $H_a$  is accepted and  $H_0$  is rejected.

In conclusion, the problem based learning method can improve the students' critical thinking skill at SMK N 4 Gorontalo, and there are significant correlation between students' critical thinking and students' English Speaking skill at SMK N 4 Gorontalo.

## **Suggestion**

At the end of this paper, the researcher would like to offer some suggestions, for the teacher and the learner, and also recommendation for further research:

1. The English teachers are expected to motivate their students to increase their critical thinking and give motive to increase their knowledge about critical thinking and problem based learning.
2. For students, they are expected that to realize that by learning critical thinking can help them easier in understanding and solving problems whether in teaching and learning process or in daily life.
3. For the next researcher, deeper analysis about students' critical thinking. Looking for things that can giving good affect in students, critical thinking skills and find the influence or the correlation on different skills.

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