

A Correlational Study of Achievement Motivation, Learning Attitudes  
and Academic Achievement among Junior High School Students  
in Macao

**Abstract**

The objective of the study is to investigate the relations of achievement motivation, learning attitude and academic achievement among junior high school students in Macao. By analyzing the relations of achievement motivation and academic achievement, the relations of learning attitudes and academic achievement and the relations of learning attitudes and achievement motivation, to investigate how the class effect and gender effect related to the student achievement motivation and learning attitude, as well as the effect of both achievement motivation and learning attitude on the academic achievement.

The subjects were grade 8 students in Macao: 51 boys and 46 girls. The research is done by two sets of questionnaires. One is for achievement motivation and the other is for learning attitude.

The results revealed that: (1) The achievement motivation is significantly different by junior high school students having different academic achievement backgrounds. (2) The differences in academic achievement among students was reflected in the deviation of learning attitude. (3) The achievement motivation is highly related to learning aspiration.. (4) The factor of class has no significant influences on both achievement motivation and learning attitude. (5) The factor of gender has no significant influences on both achievement motivation and learning attitude. (6) The achievement motivation can well predict the academic achievement. (7) The learning attitude can well predict the academic achievement.