

CHAPTER THREE

METHODOLOGY

To achieve the objectives of the study, this chapter describes four main areas: (1) the subjects, (2) the materials, (3) the procedures used in the collection and analysis of the data, and (4) the data analysis.

3.1 SUBJECTS

The population of this study was high school students in two conventional schools in Bangkok. School “A” is a boys’ school which has 1,500 M.4-6 students. School “B” is a girls’ school which is smaller and has 750 M.4-6 students. All of the population are current students in M.4, 5 or 6 in the academic year 2008.

Therefore, there are 2,250 students among the two schools. However, the number of boys and girls are significantly different. As a result, the percentage for boys and girls in making the quota sampling technique is different, as well.

The number of subjects of this study is approximately 10 and 5 percent from the boys’ school and girls’ school, respectively, and they were randomly selected from those populations. 150 students in both conventional schools (schools A and B) were the respondents of the study as shown in the table below:

Category	Number of Population	Percent	Number of Samples
School A	1500	10	75
School B	750	5	75
Total	2250		150

3.2 MATERIALS

The research instrument in this study was a questionnaire which was used to survey the characteristics and teaching techniques of teachers in tutorial schools. The questionnaire was divided into 6 parts:

Part 1: General information of respondents

This part was composed of closed-ended and open-ended questions relating to personal detail of the subjects such as gender, age, education level, section or program of studying, number of tutorial schools a student is attending, and subjects he/she is studying.

Part 2: General information of desirable teachers

In this part, the respondents were asked by closed-ended questions to answer the general information about the teachers they like to study with, which include gender, age, background knowledge, current occupation and teaching experience.

Part 3: Teachers' general characteristics that most students feel satisfied with

This part investigated the characteristics of teachers in accordance with the psychological theory (The Big Five Dimensions of Personality) to find out what type the majority of tutors in tutorial schools belong to by using closed-ended questions and a Likert scale.

Part 4: Teachers' desirable characteristics that most students feel satisfied with

In this part, the respondents were asked to rate their opinion by closed-ended questions about the teachers' characteristics that students feel satisfied with. The characteristics in this part were about the characteristics in teaching, which helped explain the word good teachers.

Part 5: Teaching techniques

This part is similar to the fourth part, but closed-ended questions were established to identify teaching techniques, strategies or tactics that tutors in tutorial schools use to attract the most students.

Part 6: Suggestions on Teaching Techniques

Open-ended questions were established to obtain further information from respondents.

3.3 PROCEDURES

This section describes the procedure for selecting research design, distributing questionnaires, and collecting data.

3.3.1 Research Design

This study was a cross-sectional design to investigate the characteristics and teaching techniques of tutors in tutorial schools.

3.3.2 Data Collection

The subjects in this research were 150 high school students in Bangkok. One is a boy's school; the other a girl's school. The 150 high school students were selected in accordance with 10 and 5 percent of the total number of students in each school consecutively and all of them are studying in the academic year 2008. The questionnaires were designed by the researcher. The pilot questionnaire was conducted in a boys' school on 30 students to clarify all the questions. After that, the questionnaires were directly distributed to 150 samples in January 2008. The respondents were informed about the objectives of this study and were provided with instructions to complete the questionnaire from beginning to end.

3.4 DATA ANALYSIS

The data were collected and analyzed by SPSS program (the Statistical Package for Social Sciences) version 15.0. The statistical interpretation will be presented by descriptive statistics. The results of this research were analyzed to find out the answers to the research problems.

In summary, this chapter presented the methodology of this research composed of subjects, materials, procedures, and analysis. In the next chapter, the research results will be presented.