


THESIS TITLE : CURRENT STATUS, PROBLEMS AND NEEDS OF  
EDUCATIONAL AND TECHNOLOGY INNOVATIONS  
IN LOWER SECONDARY EXPANSION SCHOOLS UNDER  
THE JURISDICTION OF THE OFFICE OF THE NATIONAL  
PRIMARY EDUCATION COMMISSION, EDUCATIONAL  
REGION 10.

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### ABSTRACT

The purpose of this research was to study the current status, problems and need of educational and technology innovations in lower secondary expansion schools under the Jurisdiction of the Office of the National Primary Education Commission, Educational Region 10. The populations were 726 lower secondary expansion schools under the Jurisdiction of the Office of the National Primary Education Commission, Educational Region 10 in academic year 2540. The samples were 258 lower secondary expansion schools under the Jurisdiction of the Office of the National Primary Education Commission, Educational Region 10 in academic year 2540. The earned data were obtained from a school administrator and an educational technology instruction of each school. The instruments used for the research were a form of checklist, rating scale questionnaires, opened questions and interview forms. The data were analyzed by SPSS for Windows computer program to find percentage, arithmetic mean and standard deviation. The results indicated that.

1. The current status of technology and instructional innovation in lower secondary expansion schools Educational Region 10, are as follows :

1.1 The buildings were well prepared to support science laboratories, and about the readiness of the facility of technology and instructional innovation it was ready for using in school, especially the electricity.

1.2 The working personnel. These personnel assigned to take responsible for science laboratories the most. These personnel know how to use and keep science laboratories very well.

1.3 Infrastructure for instructional materials, there was the readiness of electricity, television was set in almost every class and the science laboratories were set in every school.

1.4 The use of instructional innovation in schools, computers and audio visual aids were most used for school - public relation and community services. As for instructional activities, the satellite dish was set. The dish was used along with television for learning and teaching and for recreation as well. The video tape was also used in the classroom.

2. The problems and needs of technology and instructional innovation in lower secondary expansion schools Education Region 10.

2.1 The problems relating to the use of buildings were at the 'moderate' level. The most of problems were the place for keeping materials. The needs for classroom buildings were at the 'high' level. The schools need the buildings to store technological and instructional innovation equipment.

2.2 The problems relating to working personnel were at the 'moderate' level, especially there was lack of personnel with a degree or certificate in educational technology and instructional innovation. The need on these personnel were at 'high' level.

2.3 The problems relating to materials were at the 'moderate' level, especially on photocopy - machine and the need was at the 'high' level.