

Thesis Title : A Study of Information Technology Using in Schools In Songkhla Province

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ABSTRACT

This research is to study the effected context to information technology in school In Songkhla province. It put emphasize on the information technology using in school in Songkhla province and synthesize the knowledge that was taken from number 1 and 2. This is to make suggestion of the information technology adaptation for learning and teaching process in secondary school.

The sample group was Haadyai Wittayalai School that is in the standard of world wide web and internet using. The researcher has considered that this School is suitable for data accessibility. Haadyai Wittayalai School was one of the 6 schools that were taken for selecting. Those are Haadyai Wittayalai School, Mahavajirawudh School, Haadyai Wittayalai Sombonkulkanya School, Woranaree Chalerm School, and Ranode Wittaya School. An equipment for data collecting was a researcher who was one of the qualitative research factors.

The result revealed that

1. The connection of 4 contexts effected to information technology using that are the administration of education reformation which is based of the national policy of educational regulation. This was taken to persons who dealt with school based Curricurlum in Haadyai Wittayalai School and to regularize vision, mission and purposes of education development. The main point of administration wasconsidered on problems and requirement in school. It was a bottom up administration. Information technology using was in all stages of curriculum planning. Then the administration of infrastructure was organized by building the enter of information Technology development. Thebudget was done for equipment and communication supplying.

Experts were appointed to control the infrastructure. The vision and mission of information technology center were clearly stated by school. This leads to the development of teachers and other persons in school. The center of Information technology development acted as an coordinator for instructor training in school or outer training. This is center has given teachers for more information in school. After information technology skill was built for teachers, so the learning process will be organized. This process can be divided into 2 models that are single subject and integral subject. The single subject is about a robot controled program (A.I) and the E-Learning using. Internet using was an equipment for search an source of learning in class by doing together with other subjects.

2. The summary of information technology using by students.

2.1 Students can use the internet in their school all time and it is free of charge when using at home. Their usage was divided into 3 events that were when the computer room is vacant, when students has free time and the internet using of special program students.

2.2 The web site and E-Learning were developed by teachers for students to study.

2.3 The internet using in class.

3. The knowledge from the research can be used as information technology analysis for learning process organization on E-Learning subject which was developed by their teachers. E-Learning is the first type of software. The instruction and internet are the fourth type of software. The main point was E-Learning lesson and web site development which were used for testing for every subject. The weak point was the excercised which were up to their practice or skill such as laboratory, agriculture and house keeping ect.

The robot controled program in the learning process organization (A.I) was the second software construction. The main point was that students could touch the equipments and did many time of experimentation until they got the result as their teachers wanted. The weak point was that only subject that was related to the program making can be available. The budget and ages of learners should be considered as well.