

Disayuit Buajoom. (2013). *The Development of Learning Model by Community Based Approach for Establishing both Vocational Interests and Skills on Local Careers for the Students of BAN-PANAENG WITTAYA SCHOOL*. Dissertation, Ph.D. (Applied Behavioral Science Research). Bangkok: Graduate School, Srinakharinwirot University. Advisor Committee: Assoc. Prof. Dr. Ungsinun Intarakamhang, Dr. Pannee Boonprakob, Dr. Supaporn Thanachanan.

The purposes of this study are 1) to develop learning model on Substance Learning Group of Career and Technology under the community based approach 2) to study the results of the change in the interests and skills on the local careers under the community based approach 3) to develop learning model on Substance Learning Group of Career and Technology for BAN-PANAENG and BAN-PANAENG WITTAYA SCHOOL with 21 participants, including the principal, teachers, parents, school committees, and the local wisemen, and 23 students which the total is 44 participants. The research process will be divided into 2 phases which are before conducting the research and after conducting the research. During the first phase, this is the process to help all participants get themselves ready for the research. For the second phase, there are 3 steps involved in this phase 1) participants brainstorm for planning by applying A-I-C technique in order to create the self-interest in local career and develop skills related to local career for students which include developing curriculum and creating projects to support learning for the curriculum 2) implement the learning plan accordingly to the curriculum and projects which support the learning for the curriculum. 3) improve learning activities and set 3 additional projects more because students still haven't interested in or have no skills related to local career as expected. The data collection for this research includes both collecting qualitative and quantitative data to evaluate both students' interests in local career and also their skills related to local careers.

Research results are:

1. The process of local curriculum development can be divided into 5 steps which are 1) analyze the problems and student's expectation 2) determine the career in the local area 3) create the local curriculum 4) create the awareness of the local curriculum 5) test and improve the curriculum. The result of curriculum development leads to the local career curriculum which is

weaving Luk Kaew pattern and making weaving equipment for 60 hours by learning from the local wisemen together with on the job training.

2. The result of the change in the interests and skills for local career shows that

1) the interest level of students who learn to weaving Luk Kaew pattern is high ($\bar{X} = 4.27$) which higher than the determined standard. The factors affect the students' interests are achievement from learning, perceiving the value of weaving Luk Kaew pattern, familiar with weaving, and living in the area that local people are familiar with weaving. 2) The interest level of students who learn making the weaving equipment meet the determined standard ($\bar{X} = 4.09$) 3) The skill level for local career of students is considered to be good which the average percentage is 83.27. The factors that support students to perform good skill are on the job training, ability to transfer know-how by the local wisemen and the previous experience in weaving of students 4) The skill level for students who learn making weaving equipment is considered to be good which the average percentage is 79.36. The factors that support students to perform good skill are on the job training, friendliness of the instructors, and previous experience of students which related to carpentry

3. The learning model under the community based approach on career and technology for this study consists of 7 steps which are 1) study the potential of the community 2) encourage and empower both local people and school staffs to develop curriculum together 3) study the need career development of students in local area 4) create the local curriculum 5) set up learning activities which focus on the on the job training 6) conduct supplementary project and 7) evaluate the results of actual learning