

NEEDS ASSESSMENT TO DEVELOP DESIRABLE CHARACTERISTICS WITH COMPETENCIES OF NEW GENERATION STUDENTS FOR 21ST CENTURY LEARNING OF SECONDARY SCHOOLS IN BANGKOK

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ABSTRACT

The purpose of this study is 1. Research and develop the ideal characteristics and the needs of modern students' learning ability in the 21st century. Bangkok Middle School 2. Compare the results needed to develop ideal features and the performance of modern students in the learning century. There are 21 middle schools in Bangkok. The sample used in the study is students from Suan Sunandha Rajabhat undergraduate model school. Wa Rachathiwat School, Theppirin School, Wa Bownniwet School, the first semester of the 2022 academic year 200 people. Research tools include Evaluation Form for the Development Needs of the Ideal Characteristics of the 21st Century New Generation Students' Learning Ability Bangkok Middle School analyzes data by analyzing basic statistics and PNI.

The results of the study were summarized as follows:

1) prioritization of needs for the development of desirable characteristics in conjunction with the competencies of modern students for 21st century learning in Bangkok secondary schools; It was found that in the overall picture, each aspect that was most important to the need for developing desirable characteristics together with the competency of modern students for the 21st century learning of secondary schools in Bangkok was the aspect of self-sufficiency. (PNI = 0.171), followed by patriotism, religion, king (PNI = 0.165), public mind (PNI = 0.162), commitment to work (PNI = 0.112), honesty (PNI = 0.092), love Thainess (PNI = 0.090), eager to learn (PNI = 0.083) and discipline (PNI = 0.076), respectively.

2) The results of comparing the results of the assessment of the needs needed to develop desirable characteristics together with the competency of modern students for 21st century learning of secondary schools in Bangkok. Classified by gender found that Female students are higher than males. When considering each aspect, it was found that males had needs in order of each aspect as follows: eager to learn, honest, public-minded, disciplined, and love Thainess. Commitment to work, love for the nation, religion, king, and self-sufficiency. For females, their needs are sorted in the following order: having a public mind, honesty Live self-sufficiently, eager to learn, determined to work, have discipline, love the nation, religion, the king, and love Thainess.

Keywords: assessment of necessary needs, ideal characteristics

INTRODUCTION

The current educational management in Thailand is faced with curriculum and teaching problems. And the measurement and evaluation that affect the development of education quality and the quality of learners and graduates. Therefore, the Ministry of Education has adjusted the basic education curriculum to a competency-based curriculum. There is another option that may solve the problems of teachers and students. Because this is a flexible course and active ability-based learning management. Encourage students to develop the ability to live, work, study and solve problems. Help teachers cultivate children with different levels of preparation and improve learners' performance. Adapting to the changes and new needs of society and the world in the 21st century (Secretariat of the Education Commission, 2020) According to the national education reform plan, the competency-based curriculum is the guideline for curriculum reform and teaching management. To cope with the changes in the 21st century, the goal is to enable students to obtain the core competencies required for work. Solve problems and live. The basic ability course defines the ability standard as the basic ability required by students. For quality of life, there are generally two characteristics: 1. Core Competency (Core Competency) 2. Specific competencies Competency) is the competency of a specific subject / discipline required for that subject. or specific performance There are different levels from easy to difficult. In which the course will require students to learn in a progressive way. According to their skill level (Education Council Secretariat, 2019a, b)

LITERATURE REVIEWS

With the development of students in the core curriculum of basic education in 2008, the school aims to cultivate students with ideal qualifications. 8 things: 1) Patriotism, Religion and Kingship; 2) Honesty; 3) Discipline; 4) Pursuit of Learning; 5) Full Life; 6) Devotion to Work 7) Love Thailand 8) Public awareness (Ministry of Education, 2007) And let the school evaluate the students according to the specified standards of passing grades and completing basic education courses. The method of measuring and evaluating the ideal characteristics of the school requires the cooperation of all parties, including the school management. Basic Education Committee, Teachers, Parents and Communities Co manage the operation inside and outside the classroom to cultivate moral, ethical and ideal characteristics. Each school should conduct qualification assessment regularly. The assessment may be conducted weekly, monthly and monthly. Keep observing learners' development and reflecting their behavioral characteristics (Academic and Educational Standards Bureau, 2010).

From the research results According to the research and development project, the competency framework for early elementary school learners for basic education courses has summarized the competency framework of learners Including processes and guidelines for applying competency frameworks to develop learners to achieve such competencies. (The Secretariat of the Council of Education, 2019c) and shows that it is new in action. The result of learning reform has several important related elements, namely 1) teachers, 2) curriculum, 3) teaching and learning, and 4) measurement and evaluation. These four elements will support and conducive to learners to achieve quality learning and create important competencies that can be used in real life (The Secretariat of the Council of Education, 2019d.) Therefore, the

researcher was interested in studying the assessment of the needs necessary to develop desirable characteristics together with the competencies of modern students for learning in the 21st century of secondary schools in Bangkok.

OBJECTIVE

1. Research and develop the ideal characteristics and the needs of modern students' learning ability in the 21st century. Bangkok Middle School
2. Compare the results needed to develop ideal features and the performance of modern students in the learning century. 21 secondary schools in Bangkok

METHODS

In this study, researchers used the survey research model.

1. Population and sample

1) Population

Demonstration School of Suan Sunandha Rajabhat University students Wat Rachathiwat School Debsirin School Wat Bowonniwet School, Semester 1, Academic Year 2022.

2) The sample group.

Demonstration School of Suan Sunandha Rajabhat University students Wat Rachathiwat School Debsirin School Wat Bowonniwet School, semester 1, academic year 2022, 50 students per school, a total of 200 students

2. Research tools.

The research tools were the needs assessment form is necessary to develop desirable characteristics in conjunction with the competency of modern students for 21st century learning in secondary schools in Bangkok.

3. Data collection.

3.1 Students of Suan Sunandha Rajabhat Undergraduate Model School, Wat Rachawinit School, Debsirin School and Wat Bowonniwet School 2022 Academic Year.

3.2 Demand Assessment Form for the Learning Ability of the New Generation of Students in these Century 21 secondary schools in Bangkok.

4. Data analysis

Data analysis by analyzing basic statistics and PNI.

RESEARCH FRAMEWORK

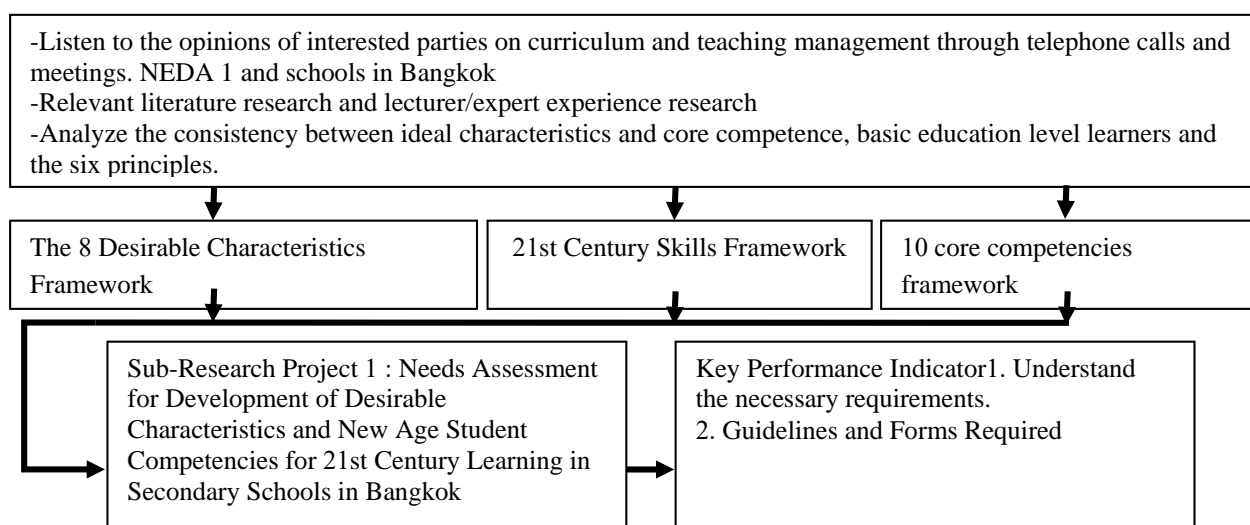


Diagram 1 Research Conceptual Framework

RESULTS

Data analysis research Evaluate the needs needed to develop the ideal characteristics and combine the learning abilities of modern students in the 21st century. The secondary schools in Bangkok are divided into the following two tables:

Table 4.1 Prioritization of Necessary Needs in Development of Desirable Characteristics with New Age

Desirable Characteristics	True average	Expected average	PNI	Sequence
1. Patriotism, religion, king	4.414	4.002	0.165	2
2. Honesty	3.182	4.573	0.092	5
3. Strict discipline	3.536	4.790	0.076	8
4. Pursue learning	4.488	4.878	0.083	7
5. Live fully	3.984	4.946	0.171	1
6. Work hard	3.970	4.945	0.112	4
7. Proud to be Thai.	4.447	4.699	0.090	6
8. Public awareness	4.302	4.810	0.162	3

Student Competencies for 21st Century Learning in Secondary Schools in Bangkok

From Table 1, it was found that in the overall picture, each aspect that was most important to the need for the development of desirable characteristics together with the competency of modern students for the 21st century learning of secondary schools in Bangkok was the aspect. Self-sufficiency (PNI = 0.171), followed by patriotism, religion, king (PNI = 0.165), public mind (PNI = 0.162), commitment to work (PNI = 0.112), honesty (PNI = 0.092), love being Thai (PNI = 0.090), eager to learn (PNI = 0.083) and discipline (PNI = 0.076), respectively.

Table 4.2 The Comparison of the Needs Assessment Results for the Development of Desirable Characteristics with New Age Student Competencies for 21st Century Learning of Secondary Schools in Bangkok Classified by gender of students.

Desirable Characteristics	Male		Female	
	PNI	Sequence	PNI	Sequence
1. Patriotism, religion, king	0.046	7	0.041	7
2. Honesty	0.108	2	0.154	2
3. Strict discipline	0.079	4	0.086	6
4. Pursue learning	0.119	1	0.141	4
5. Live fully	0.036	8	0.143	3
6. Work hard	0.050	6	0.093	5
7. Proud to be Thai.	0.073	5	0.011	8
8. Public awareness	0.094	3	0.157	1
Average total	0.076	-	0.103	-

From Table 4.2, the comparison results of the needs assessment results are needed to develop desirable characteristics together with the competencies of modern students for 21st century learning of secondary schools in Bangkok. Classified by gender found that Female students are higher than males. When considering each aspect, it was found that males had needs in order of each aspect as follows: eager to learn, honest, public-minded, disciplined, and love Thainess. Commitment to work, love for the nation, religion, king, and self-sufficiency. For females, their needs are sorted in the following order: having a public mind, honesty Live self-sufficiently, eager to learn, determined to work, have discipline, love the nation, religion, the king, and love Thainess.

CONCLUSION

The overview of each aspect that is most important to the need to develop desirable characteristics together with the competency of modern students for the 21st century learning of secondary schools in Bangkok is the aspect of self-sufficiency (PNI = 0.171), followed by love for the nation, religion, king (PNI = 0.165), public mind (PNI = 0.162), commitment to work (PNI = 0.112), honesty (PNI = 0.092), love Thainess (PNI = 0.090), wanting learning (PNI = 0.083) and discipline (PNI = 0.076), respectively. According to the research of Suphanwadee and Panuwat (2022) the competency was at a moderate level, and when considering each aspect, it was found that every aspect had a higher level of competency in planning for learning management after the experiment than before the experiment were at a good level in all items. The use of media/innovation and learning resources had the highest post-test performance level and the least aspect was organizing the learning environment with the learning evaluation aspects which were of the same average at a good level. The results of comparing the results of the needs assessment were necessary to develop desirable characteristics together with the competencies of modern students for 21st century learning in secondary schools. in Bangkok Classified by gender found that Female students are higher than males. When considering each aspect, it was found that males had needs in order of each aspect

as follows: Eager to learn, honesty Public mind, discipline, love Thainess Commitment to work, love for the nation, religion, king, and self-sufficiency. For females, their needs are sorted in the following order: having a public mind, honesty Live self-sufficiently, eager to learn, determined to work, have discipline, love the nation, religion, the king, and love Thainess.

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REFERENCE

- Janya Dasa. (2009). 15 techniques for learning management that emphasize proactive learning. *IPST Magazine*: 36(163): 72-76.
- Taweewat Wattanakulcharoen. (2009). Active Learning (Online) Availble: <http://pirun.ku.ac.th> (Accessed 2/10/2020)
- Bunga Wattana. (2003). Active Learning. *Academic Journal*. 6(9): 30-34
- Pimphan Techakupt. (2016). Learning management in the 21st century. Bangkok: Printing House Chulalongkorn University
- Rasita Raksakul, Suwanna Somboonsukho, and Kongkarn Wachirapanang. (2015). The Achievement of Integrated Instructional Management Using Active Learning of Students in Management Subjects. The New Era and University Leadership King Mongkut's University of Technology Thonburi. national academic conference Rangsit University 2016 (RSU National Research Conference 2015) Friday, April 24, 2015 at the Auditorium, 2nd floor, Digital Multimedia Complex (Building 15), Rangsit University.
- Sakda Chaikitpinyo. (2005). How to teach for Active Learning. *Teaching and learning innovation*. 2(2): 12-15
- Sukhon Sinthapanont. (2017). Modern teachers and learning management to education 4.0. 9119 Limited Partnership. Printing techniques: Bangkok.
- Bonwell, C.C. (2003). Active Learning: Creating Excitement in the Classroom (Online) Availble www.active-learning-site.com
- Bonwell, Charles C., and James A. Eison (1991). Active learning: Creating excitement in the classroom. *ERIC Digest*. [Online] Available
- Suphanwadee Waiyaroop, Panuwat Sivaskunra (2022). Effect of the Development of Learning Management Competencies Using Research-Based Learning Management for Student Teachers of Early Childhood Education Program at Suan Sunandha Rajabhat University [Online]. Available: <https://so03.tci.thaijo.org/index.php/journalcim/article/view/255015/174056>.