



## Management of Proactive learning to improve the quality of Early Childhood Education for 21st century. (P0024)<sup>1</sup>

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### Abstract

Main purpose of this research is to study the strategy of building up the management system and evaluate the strategy of management in Private Education Institution of Early Childhood Education. This qualitative research was support by open-end question questionnaire. There is the implement of rules checking by the 3 experts including Board of Institution, Lecturer and Bangkok Metropolitan Basic Education Commission. The research is specifically focusing on 19 private schools and using 50 people to analyze and descript. The result of this research shows that The Management of Proactive learning for developing quality of Early Childhood Education of 21st century must implement the vision, short term target, long term target and must create the strategy of Education Management in order to consistent with target of Education in 21st century. Everybody require to study from Early Education to Higher Education and to the rest of the life is 3r x 7c3r by using evaluation of internal and external quality from Office of the Higher Education Commission and aim to standard or expect quality that must affect to student by using Ordinary Flag.

**Keywords:** Proactive Learning; Quality of Early Childhood Education; 21st Century.

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### Problem Condition

A new trend of education in 21st century is moving forward to Creative Thinking Skill, Information, Media and Technology Skill. In the Education Management which the entire of the lecturers must apply the Technology and Information as the Instruction Media for their instruction that can be reach out rapidly to the huge amount of students and aware of the realistic context and integration by using incorporation of interdisciplinary instruction. Using The Project Work as a base to develop the objective overcoming and using the tools to evaluate result of appropriate learning (As cited in Sanrattana, 2013). Paradigm of learning is very important to manage the study to develop for the infinity of knowledgeable for new generation and be able to continually drive self-development in every dimension. Education Management is the instruction process for learning of all learners which target to respond the learner to maximize their self-study (John Dewey, 1859-1952). Lecturer should change their role from only teaching to support, encourage and help learner to gain and create their own knowledge.

The nature of learning in separate portion should enhance more integration to get the learner connect to the knowledge and build the holistic knowledge to connect with routine life (Rung Kaewdeng, 2540, page 146, refer in Tissanak Keammanee, 2556, page 186-187). James J. Heckman Nobel Prize Economist mention about investment of develop early childhood is the worth investment and return benefit to the social in long term period. The return on investment is 7 time profit in the future. It is the enhancement of national human resource quality and decrease loss ratio that potential to happen in the future and UNICEF is the part of United Nation which help support humanity, health development including life standard including life standard of Mother and Child, and children in developing countries indicate that children that were take care appropriately by their age will have more skill of physical, Intelligent Quotient and Emotional Quotient higher than standard level and lead into the opportunity to continue study at Higher Education. These make them become high quality labor with high wage. Affect to decrease number of criminal or social problem (James J. Heckman). School is one of intellectual cost. Humanity learning is learning by observation and imitation that cause from interaction between learner and environment in the social which learner and environment reflect the influence to each other's (Bandura 1963). Education for develop the student to have good attribute by empowering to manage knowledge and make all level of human resource educated, moral, ethic, ability and skill that can apply to variety of practices and have creativity that be able to live in the social normally. The mission of institution is very importance in this globalization in the social of rapidly change. Educations Institution has to prepare and develop our human resources

therefore necessary to adjust way of thinking and continue to operate with excellence in order to provide support with effective quality of human resource developing.

Social policy of quality education should target the interesting at primary school children because it is the age that can be adjust easily to environment. Direction of the policy should target to how to take care of children and manage of appropriate environment while pay respect to family institution and need to aware of culture differently while aware of verity in Thai society to produce quality teacher. The research found out that indicator of good teacher is professionalism, focusing on learner and has the teacher license. Therefore quality teacher needs to support learning of learner to gain knowledge both academic knowledge and skill of living to make the learner be the complete human. Because children today is the age that very important to plan for the personality foundation and develop self-intelligence in order to adjust with the environment. Assimilation and adjust the structure of intelligence as per the environment to create the equilibration to develop learning and teaching of primary school children nowadays. This is the urgently of education development to prioritize with Management of Proactive learning in order to develop the quality of Early Childhood Education for 21st. That is the development at the foundation that can be lead to civilization of Thailand. Development of Technology and Information that can be change all the time is the reason for this researcher.

### **Propose of the research**

1. To study the strategy of Private School Management for early childhood
2. To create the strategy of Private School Management for early childhood
3. To evaluate the strategy of Private School Management for early childhood

### **Repetition of literary**

Early childhood is the word stand for children from new born age to 6 years old. Early childhood is the age that their quality of life including physical, emotional, social and intelligence are fully start (Massoglia. 1997: 3) which the committee of the research “Manage of service for early childhood center” (Office of the Education Council) mention in result of this research that “early childhood” mean, 1. Children that are include in Children Nutrition Center, day care nursery, children developing center or know as early childhood center. 2. Children study in Kindergarten 1 and 2 at Private Kindergarten School and Public Kindergarten School. There are children age from 3-6 years old in general for those school that open for early childhood “The Management of Early Childhood Study” mean the Education Management for children age from



new born to 6 years old which this Education Management will have the special character different from other education level. Children in these ages are very important to build the strong foundation of their personality and intelligence development. There are so many different names for Education Management for early childhood. Which each program got their own method and character of activity management and there is the new target to help develop children in many different ways. Management of early childhood education should be the part to fully support children development. Concept of Education Management for children of this age in every model should have the essential that (Massoglia. 1997:3-4) was said 1. Promote development in every part starting from new born to school children. 2. Promote foundation of healthy for children since the beginning which including children with retardation. 3. Environment of the family should contribute growth of children develop in every part. 4. Parent should be the first teacher for their children. 5. Impact from the family play the most important roll to the progress of childhood development.

Arnold Gesell (1880-1961) is the American Researcher who establishes The Institution of Child Development at Yale University during 1930 – 1940. He have explained his theory about growth and development of children that growth of children including physical, tissue and organ. Each function of our body and behavior that appear are the exact form and happen step by step. Experience and environment are the second elements that fulfill all development. Gesell believe that Maturity determine by our genetics and appear in every children since they was born. This is the important thing that make the children of each age get ready to do anything as per their maturity or preparedness may not happen in that age. Environment will effect to development of children.

Arnold Gesell mention about Maturation is the change of pattern and shape of behavior that cause from genes and preparedness of muscular and nervous system that will show up in an appropriate time which will go align with the program that pre-assign by genes, skill and behavior that similar to each children and show in similar time and Gesell use the word “Cycle of Behavior” to describe this situation.

Gesell and team study development infant and teenager, from newborn child to 16 years old by spot the behavior from the movie and interview of the parents and grouping the information as the personality profile into 10 fields.

1. Nature of moving of Big and Small Muscles
2. Personal habit
3. Emotional Expression



4. Fear of dream
5. Self-assured of sex expression
6. Personal Relative
7. Playing and spend free time
8. Learning
9. Ethical
10. Philosophy.

James J. Heckman recommend that Determination of Study Policy which the policy must aware of 3 main cores that are

1. Success in our life not only depending on cognitive skill but also depend on non-cognitive characteristic such as physical health, mental health and include intention, carefulness, motivation, self-assured and characteristic of emotion and others characteristic of social as well.

2. Cognitive skill including Social and Emotional Skill of human develop during early childhood age and these development will good or not good depending on environment of family so equality of education must priority consider to life quality of family.

3. If public policy target intervention during early childhood age that can decrease result from lack of opportunity and able to develop cognitive skill and comprise with social and emotional skill. Apart from early childhood intervention, the big policy should have intervention as well. In order to contribute the benefit of to our people except the main point that will be include in the base to determine Social Policy and Education.

Idea of development of education quality and idea for develop the skill in 21st century are the evaluation of external early childhood education quality (2-5 years) that was determine the index into 3 group including group of basis indicator, group of identities indicator and group of support indicator to consist with National Education Act B.E. 2542 (volume 2.) B.E. 2545 and ministerial regulations about standard rules and the way to guarantee quality of education B.E. 2553 number 38 which mention to The Office for National Education Standard and Quality Assessment to evaluate external quality of each Education Institution by using National Standard of Study and include the rules as follow

1. Standard that speaks about result of education management in each level and each kind of education. 2. Standard that speaks about the Management of Education 3. Standard that speaks about management of learning and teaching that focusing on learner 4. Standard that speaks about the guarantee internal quality is the evaluation of result from education management in order to check quality of place of education by department or external people



of that place of education in order to develop quality and standard of education for the better education place.

This principle has to start from the education place that has internal warranty system to plan for their quality development. They must improve the quality and implement the self evaluation then they can get the evaluation warranty external quality by Office of National Education Standards and Quality Assessment. Office of National Education Standard and Quality Assessment will consider and investigate from the internal quality of education place. Evaluation of internal quality and external quality should congruous to each other and in the same direction because the propose is to target on the standard or quality that expect to be happen to learner. The goals of this evaluation for external quality of teacher in 21st centuries must base on less teaching and learning more.

Learning in 21st century has to get through the technical matter to interactive learning of “21st century living skill”. This skill can be teach by the teacher but the student must learn by themselves or say also teacher does not need to teach but must create the how to learn and facilitate in learning to make the students learn from the real practicing. So that learning will happen from their heart and brain. This learning call PBL (project base learning). PBL using 21st century living skills that is main subject are Mather language and World language, Arts, Science, Geographic, History, Mathematic, Economic, Country and be good inhabitants. The 21st century living skills should have the information skill and technology skill including 1. Knowledge of information 2. Knowledge of communication 3. Knowledge of technology. Life skill and Occupation skill are 1. Flexibility and Adaptable 2. Creativity and Self assure 3. Social skill and Multi-culture social skill 4. Productivity and Accountability 5. Maturity and Responsibility by using pattern of quality development plan of education management.

It Clearly see that the developing plan of education management very important to internal quality warranty systems of education place and management of proactive learning for develop quality of education for early childhood of 21st century. Vision, long term goals and short term goals must be set as the direction of operation. Empowering to making decisions for personal, encourage learning activity for personal and making the plan to follow up the progress and evaluate results of work to adjust and improve as the strategy of management due to sharing and improving of vision together is the character of school that successful in managing (Glickman, Gordon and Ross-Gordon, 2001). Education management to match with the Education goals in 21st century that everyone have to learn from early education to higher education is refer from developing plan of education management and will be the communications elements for all



concern including management of education place, teacher, learners, committee of education place, parents, community and concern unit to get the knowledge and understanding in management of quality that show the clear target goals and clear operation direction. Also have process to practice that lead into target direction that base on the education place as the core by the Incorporation and responsibilities of people in the education place through the supervise and support from the management.

Development of education quality as per the target of education management in 21st century Wijarn Panich (2555) said that thing that everybody have to learn from early education to higher education and the rest of the life is 3r x 7c3r including 1. Reading 2. Writing 3. Arithmetic and 7c including 1. Critical thinking & problem solving 2. Creativity & innovation 3. Cross-cultural understandings 4. Collaboration, teamwork & leadership 5. Communications, information & media literacy 6. Computing & ITC literacy 7. Career & learning skills. So skill of the people who need to be the person that prepare knowledge worker by the teach for student have to completely change themselves to be “teacher for student in 21st century” not teacher for student in 20th or 19th century. Teach in 20th and 19th century prepare the people for manufacturing but education in 21st century is different because it must prepare our people to be the knowledge worker and person that ready for learning no matter what career they are. Human in 21st century must be the person that always ready to learn and working that use knowledge although they are a farmer, they must ready to learn and use the knowledge apply to their job. So the most important skill for 21st century is “Learning skill”. (Wijarn Panich 2555, online)

### **Regulation of research**

In this study using quality research pattern and the tool is questionnaire. Character of open-end question questionnaire is to make the interviewees feel free to answer and able to show opinions and share.

#### **Group of main interviewees**

Collecting of quality information will use open-end question questionnaire and in-depth interviews personally to get the important information including 3 groups from 50 persons

1. Group of Private school management team 19 person
2. Group of Private school teacher 27 persons
3. Board of basis education commission in Bangkok metropolitan for 4 persons



### **Scope of research**

The specific random to group of school management team, teacher including private school for 19 schools that get the warranty quality of education from Office of standard education which majority of the schools located in the community area with convenient transportation

### **Process of research**

Process number 1 - study strategy of development of effective small size schools that come from specific random check with the group of schools management team, training and board of basis education place from small size schools, mid size and big size for 19 persons and afflicted in early childhood education area of Bangkok metropolitan for 50 persons

Process number 2 - build the strategy to develop management of effective early childhood private schools in Bangkok metropolitan from professional for 5 persons

Process number 3 - evaluate strategy of effective early childhood private school management in Bangkok metropolitan.

### **Analysis results**

Analyst information from the document, text book, article and concern research by synthesis and apply information to questionnaire and after that give the questionnaire to the expertise to make sure the question support the propose and the results found that the research be in line with the propose so it is able to start collecting the information and apply the acquired information to propose

### **Research**

#### **1. Strategy of management of early childhood private education place**

The strategy show that long term proactive learning to develop education quality of early childhood in 21st century have to do the vision, short term goals and long terms goals in order to be the direction of operation, empowerment of making decisions, support learning activity to all Human Resource and plan to follow up the progress and evaluation of work to bring the result to reconsider and improve. This is the strategy of management that come from incorporative vision and continue adjust the vision are the characters of schools that success in management (Glickman, Gordon and Ross- Gordon, 2001). To empowering in making decisions for exchanges the responsibilities of operation results to that Human Resource is the main factor that effect to succession of accomplishes management (Tipawadee Meksawan, 2543).The management of education to go in line with the goals of education in 21st century that everybody







must learn since early education to higher education and rest of the life is 3r x 7c3r that is include reading, writing and arithmetic. The 7c are critical thinking & problem solving (Judgment thinking skill and problems solving skill) Wijarn Panich (2555) mentioned that Judgment thinking skill and problems solving skill are including creativity & innovation, cross-cultural understanding, collaboration, teamwork & leadership, communications, information & media literacy, computer & ICT and career and learning skill.

## 2. Building the strategy of Management in Early Childhood Private Education Place

Found out that the management of Early Childhood Private Education Place has to operate follow to the early childhood education warrantee plan from the Office of Basis Education commission that are including content, course, education place, learning experience, learning process, Support learning, Measurement and Evaluation, Human Resource Development, Administration Management and result of quality evaluation both internal and external. The target goals is for develop quality of education standard of education place. It is require annual developing plan of education place by setting up the concept, principle and participation of human resource in education place, learner, parents and community.

It is also include the use of result of quality evolution both internal and external, use of budget and resources, use of external knowledge resources and education in 21st century.

## 3. Evaluation strategy of the Management in Early Childhood Private Education Place

Found out that the evaluation of Early Childhood Private Education Place has to consider and investigate from the result of internal quality evaluation of education place. Internal quality evaluation and External quality evaluation have to go in the same direction. Because it is target the good standard or expect quality to happen to the learner. Propose of external evolution by using group of standard indicator including

- 1) Children has appropriate physical development
- 2) Children has appropriate emotional and mind development
- 3) Children is ready to study in the next level
- 4) Effectiveness of learning experience that mainly focusing children
- 5) Effectiveness of administrative management and development of education place

## Discuss to the result of the research

To planning the strategy to manage The Early Childhood Education Place, the management has to create vision, long term target and short term target in order to be the operation direction. The empowerment to make decision for human resources, support to have



the operation and learning activity for human resources and make the plan to follow up progress and evaluate the work in order to improve the operating of early childhood education will help support and maximize the development of children.

The result of success from the research procedures two round found out that achieve the target of project in every part because these target goals are clear for all that responsible and create target goals to the same direction of mission that education place have to apply to practice in realistic which go in line with the idea of Prachoom Rodprasert (2545). He said about the effective strategy to develop quality for small school that there is the practice follow the strategy of administrative management, strategy of teacher development and education human resource, strategy of corporative network building. The three strategies have same important, it may be because of Management of the school, teacher, Board of Basis Education Commission or all concern with education has knowledge, ability and high experiences about making strategy for effective quality development of small size school which go in line with the idea of Visut Wijittpacharaporn (2547, abstract). He has research the strategy of development about Decentralize Education Management in basis education place follow to the National Education Act B.E. 2542. The research show that strategy to achieve the work of administrative management of education for target of education in 21st century that everybody require to study from Early Education to Higher Education and to the rest of the life is 3r x 7c3r including reading, writing and arithmetic. It is also including communication skill and aware of media, computer skill and technology information and communication, career skill, learning skill, judgment thinking skill and problem solving skill.

Design of up to date instruction media by let the children be the center of learning and investigating. The create of effective strategy of early childhood private education place management in Trang have to operate follow to the quality warrantee plan of early childhood education.

### **Suggestion**

From the study can be suggests as follow

1. Focusing on Management of Proactive Learning to develop education quality of early childhood which

should have the process to reconsideration working plan and human resource training in order to know the current change of Technology and Information. To use the digital media instruction is require for education in 21st century

2. Vision lesson should be distribute to student to be able to operate in many channel, including

CD records or upload to YouTube or WWW that can upload information for example Facebook, Google Plus or create the online classroom in Facebook, Line or Blog.

3. Add more learning channel for students while teacher able to design the media instruction that suitable with the subject in many way such as Game lesson and online multimedia for example Khan Academy, ted-ed <http://ed.ted.com/>, youtube education for universities, academic earth, videolectures.net, webcast. berkley, mit open course, itunes-u, neo k-12, teacher tube which have the tools to support the creating of media instruction by themselves such as kmutt lms (by kmutt library), camtasia studio (pc) or camtasia for mac, jing, snagit, screenflow, screencast-o-matic, screenr, educreations, screencasting

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