

Abstract of project Outcome

In order to be prepared for the challenge of the new century, the United States promotes “the 21st century American education movement”; Japan claims to develop “the next generation with surviving strength”; the European community leads its member to construct Europe of knowledge through the learning in the information society; and Singapore wants to build “thinking schools, learning nations.” Taiwan also strives to research, plan, implement the education reform of the new generation.

In recent years, the results of the need of the employment market, the change of the industrial structure, the development of the national economy and the advancement of technical knowledge give impetus to the change of the distribution of people in the early child care education. Especially, being influenced by the core courses of the school and information technologies, teaching models and learning methods have been changed rapidly.

How to make teachers use information technologies to teach better, and how to form students’ career prospects into different course models have become an important issue of early child care vocational education. For teachers of early child care education, teaching skills and training students to use teaching aids are teachers’ heavy burdens. If teachers can film the relevant skills into digital teaching materials, build teaching aids into database, and to cooperate with the use of Internet, learners can therefore find resources related to the courses anywhere and anytime. This will make students be familiar with the skills and learn through and practice on the Internet .

The project to enhance teachers’ practical ability and further growth is divided into four parts.

The first part is to set up core courses at Department of Early Child Care as our school’s developing goal according to both of the vocational courses that plans for graduated students and our school’s characteristics. That will fulfill the spirit of the school’ s core courses in the vocational course system. First, we organize the course committee, collect the related information to revise courses, make “The questionnaires of

developing core courses of Department of Early Child Care,” that investigated the opinions of full-time teachers, part-time teachers, and all students. Besides, we also collect the opinions of what ability the graduated students should possess by interviewing the dealers related with early child care businesses. Referring to all collected data, we make the educational goal for Department of Early Child Care and for the course model ability and plan the course draft. Then the course draft will be examined by the scholars and professionals in order to work out our certain courses.

The second part of the project is to construct the child-teaching resource database. According to the need of teaching, there are four kinds: teaching toy resources, drawing book resources, video media resources, and child course design and teaching resources. The database contains the basic and extended information of the general teaching aids of teaching, toys, and related theories of early child care, such as Montessori’s teaching aids and Froebel’s gifts, etc..

Basic data includes: the names of the main items, pictures, composing parts, functions, categories, operating directories, user’s ages, codes, manufacturers and prices. Within the first year, the following database filings will be finished: the total amount of 400 teaching tools and toys, 100 books and reading materials, 50 audio/video materials(including video tapes, CDs, early childhood education teaching software), 25 childcare course teaching recourses. Meanwhile, the work of collecting and purchasing 25 sets of recent domestically published childcare publications also will be done. Through the establishment of various databases, students can get an easy access to the long distance learning as well as e-learning, they also will be more familiar with the usage of various teaching materials and picture books.

The third goal is to set up the digital teaching resource database which includes multimedia digital teaching resource database and Grade C babysitter exam video record management system. Multimedia digital teaching resource database can provide various video/audio teaching materials, including 0-3-year-old children’s toys database, 3-6-year-old children’s toys database, young children artistic and humane database,

Grade C babysitter exam database and Montessori toys database. The last two works will be done first. By using the computerized network operation, it can promote self-study, save large amount of time and energy which are usually wasted on traditional testing, improve current teaching and management methods, provide flexible schedule for students to practice after class, enable them to be familiar with babysitting skills, and raise the efficiency of school teaching and management.

The fourth goal is to enrich teachers with the knowledge of core course, promote the idea of “learning within playing” and provide computerized knowledge course. Core course covers school core course, the knowledge of school core course. “Learning within playing” course covers “getting into the toy world” and the design and idea of HABA, the design and idea of Ravensburger; the e-learning course covers the establishment and management of school teaching resource center and e-learning course. Meanwhile, in order to prolong the design of life-caring e-campus, the yearly goal will be the promotion of the “camp of the truth, the righteousness, the beauty, and the holiness”. By continuously doing this, hopefully all teachers will follow the idea of “holistic education” and educate the students with the idea of seeking a true, righteous, beautiful and holy life and even then establish the campus culture. All the professional speeches and related activities information will be made into digital items for teachers and students to use. The digital items will be stored in the multimedia video/audio database to b r o a d e n a n d d e e p e n t h e e-learning, and to set up a warm and friendly campus.

