

Education Reform



A Implement White Paper on Human Resource Development to Actively Nurture Top Talents

Improve faculty quality for compulsory education, and implement teacher training and an evaluation system to improve the quality of education and care. 12-year Basic Education will normalize and revitalize the compulsory education system, create a sophisticated senior high school education and promote high quality, leadership and excellence in senior high schools. The Ministry has formulated the Technological and Vocational Education Act;

established industrial colleges as a collaborative mechanism and platform for industry, government and academics; expedited the improvement and discontinuation of private universities, colleges and junior colleges; and studied the internationalization of education and deployment of global recruits. In addition, the Ministry has also established an effective evaluation tracking mechanism.

B Fully Implement Early Childhood Education and Care Act to Promote Quality Preschool Education and Care

Establish and promote Temporary Guidelines for Preschool Activities and Curriculum and plan for the training of personnel in charge of the promotion of said Temporary Guidelines. Conduct workshops and

observations on course outlines and strengthen the professional skills of education and care personnel. Study and compile educational resources related to the Temporary Guidelines and assist education and

care personnel to fulfill the spirit of the Temporary Guidelines and develop appropriate curriculum and teaching methods. Comply with the Early Childhood Education and Care Act, which aims at providing affordable and convenient education and care, reach consensus with local governments to increase the supply of public education and care services year by year, changing the ratio of public

(including non-profit) to private preschools from 3:7 to 4:6, and conduct by three operational models as well as increasing public preschools, non-profit ones, encourage private preschools from charitable organizations to transfer into non-profit preschools to help make childrearing more affordable for young parents and families with double incomes and satisfy parents' needs in education and care services.

C Implement 12-year Basic Education to Revitalize Teaching and Promote Independent Student Learning with Differentiated Development

12-year Basic Education has been developed based on multiple perspectives, including the country, society and students, with a core philosophy of helping students develop their skills according to their aptitudes, and to guide students through adaptive development with multiple options. The Ministry of Education promotes adaptive counseling in junior high schools and multiple admissions as well as adaptive development in senior high schools to fulfill career counseling in senior high schools and promote quality and sophisticated development in all senior high schools. In addition, there will be ongoing promotion of admission methods and adaptive counseling to introduce the philosophy behind exam-free admission and special examination admission and the importance of implementing adaptive counseling in junior high schools to help students

choose what they love and love what they choose. Schools are also encouraged to hold special programs with supervision given during review of admission to such programs, to hopefully help students choose appropriate quality schools and achieve the goal of tailoring learning according to their aptitudes.



D Enhance the Connection Between Industry and Academics to Build Quality Recruits

Guide universities and colleges to be the creator of innovative technology for industries and form a closer partnership with industry in R&D, intellectual property and incubation. Encourage faculty and students to start their own businesses, help bring industry innovations and promote derivative businesses through personnel secondment, capital investment and technology infusion to turn the outcome of research and development into business and for derivative businesses to help schools continue to do research on technological innovation. Establish industrial colleges at universities and colleges of technology,

junior colleges to focus on industry's human resource needs. Tailor and match a specific curriculum that is employment oriented. Conduct employment-oriented curricula in vocational high schools and encourage schools to collaborate with industrial organizations and training organizations as well as universities, colleges and junior colleges to devise employment-oriented curricula that focus on practical skills. Students may obtain on-site work experience, internship opportunities in industry, and training opportunities or field experts may be recruited as faculty for the courses.

E Create Sophisticated Educational Quality and Internationalize Higher Education

Deregulate higher education, fulfill university autonomy and diverse development, recruit international talent, establish a robust system for the school affairs fund, enhance the university evaluation system, and provide clear and diverse channels for faculty promotion. Starting in SY2015, national and top universities have to designate certain enrollment quota for disadvantaged students to meet their social responsibilities to reduce higher education's M-form phenomenon. Establish well-rounded transition and exit strategies for universities, colleges and junior colleges to protect students' rights to education and reasonably distribute educational resources in schools. Protect the rights of school staff and faculties, maintain the public nature of school properties and promote the revitalization and reuse of said properties. Enhance students' mobility in all

global service industries. Promote overseas education for students recommended by universities, colleges and junior colleges and actively promote the Study-in-Taiwan Enhancement Program to increase foreign student admissions.



F Complete Teacher Training and Arts Education and Promote 2014 as the Year of Aesthetic Education

Plan for the coordination of teacher training and arts education, coordinate and integrate the tasks of all agencies to fully apply integrated resources, to promote vertical integration and lateral connection. Establish a databank for teachers in senior high schools and below, properly adjust the scope of training, promote an inspection mechanism for pre-service teachers, enhance teacher qualification exams with the addition of mathematics, the inclusion of situational questions

and grant additional credit for certificates. Establish a complete SOP for teacher certificate issuance and a sound inspection mechanism for teacher qualifications, and strengthen continuing education mechanisms for teachers to improve teachers' professional skills and knowledge. Expand the evaluation of teachers' professional development, promote the teacher evaluation system and implement the Phase I of the 5-year Aesthetic Education Plan.

G Deepen Senior Citizens Learning and Family Education and Establish a Society with Lifelong Learning

Promote measures related to family education to improve the public's knowledge of family life and promote family values:

Families and Family Value Month to call for public awareness on and advocate for family values with the development of core curricula in schools and series of special programs.

① Continue to conduct various promotional activities for family education with key holidays such as Grandparents Day, International Day of

② Subsidize and guide municipal, county and city governments to provide multiple styles of



family education courses, activities and counseling for grandparents raising grandchildren, single parent families, families that have lost parents, indigenous families, new immigrant families and families with physical and mental disabilities to strengthen family education and help them adapt to society.

③ Systematically plan for and conduct pre-employment and on the job training for professional staff, teachers and volunteers of family education to improve the quality and services in human resources for family education.

Appropriate budgets for senior citizens learning to gradually establish senior citizens learning centers in 368 townships, cities and districts in the nation and help municipalities, counties and cities establish model demonstration centers for seniors learning to increase the ability to execute seniors education policies.

H Promote E-learning and Establish Cloud Learning Environment

Implement cloud educational resources to support the resources and environment for digital devices that schools require to implement mobile learning. The provision and integrative services for cloud resources will enrich educational resources and effectively save on manpower and costs needed for municipalities, counties and cities to develop their own or commission such services:

① Integrate the digital resources of the Ministry, municipal, county and city governments as well as affiliated agencies to establish a cloud learning service.

② Develop applications, learning resources and bookshelves for multiple digital devices and provide cloud learning services such as delivery for mobile learning resources, digital data storage, learning process management, learning evaluation systems and a parent-teacher contact book to support the implementation of mobile learning in schools.

③ Establish the provision of private digital resources and integrative services. Avoid redundant investment in educational resources through cloud resources sharing.

Initiate the E-learning Promotion Plan (2014 – 2017) to improve the effectiveness of the bandwidth of educational and academic network and the quality of campus wireless network. Provide quality cloud resources and services that faculty and students need with student-centered e-learning models to build model digital schools.



I Establish Friendly and Sustainable Campus to Promote Students' Physical and Mental Health

Build a sustainable homeland with campuses as the base. Combine forces from communities and families and establish partnerships. With environmental issues as the focus, including disaster prevention, energy conservation, carbon reduction, climate change, environmental safety and health education, through professional teacher training mechanism and the design of school activities, make students and faculties and the surrounding communities, aware of environmental protection and capable of disaster prevention and emergency response. Achieve the goal of campus sustainability with approaches that are close to their daily lives. Establish a healthy campus environment and actively encourage work related to health promotion and campus health to strengthen school health care, including education on a healthy

diet, create a healthy eating environment on campus, continue with health promotion programs in schools and a campus tobacco hazards prevention and control plan and implement sex education and AIDS prevention.



J Integrate Educational Assistance for the Disadvantaged and Bring About Social Justice and Care

Since 2014, educational subsidies have been included as part of the approved funding for Ministry of Education Award for Private University Affairs Development. A percentage of financial assistance,

living stipend, work study assistance, graduate scholarships and living discounts for students from low-income and the near-poor households will be subsidized to encourage schools to continue providing assistance. Starting from SY2014, applications and documents needed for financial assistance are simplified. A pilot program to waive tuition and fees for indigenous students was initiated. Their identities are matched from the data from the Ministry of the Interior. In the future, more areas will be simplified. Encourage universities, colleges and junior colleges to strengthen assistance for disadvantaged students with policy and funding. Promote multiple educational assistance measures, provide a sound educational environment for students with physical and mental disabilities, develop proposals related to education of the indigenous population and care for children of new immigrants, improve learning and academic performance for disadvantaged students, effectively distribute rural and urban educational resources and provide opportunities for disadvantaged youth students to gain workplace experience.



K

Strengthen Sports Development to Improve Citizens' Physical Condition and Performance in International Sports Events

Strengthen the promotion of the Sports Island Project, care for female's rights to sports and seniors' health, promote sports for the physically and mentally disabled and in the indigenous villages to popularize diverse national sports. Continue to promote physical education in schools to enable students to develop exercise habits and improve their physical fitness. Increase the proportion of teachers with physical education specialization in elementary schools and conduct ability enhancement programs for gymnastics teachers in elementary school. Establish full-time sports coach systems in schools and implement physical fitness tests. Encourage students in senior high schools and below to exercise daily and exercise for 150 minutes each week. Improve students' swimming skills and self-protection ability. Improve sports facilities in schools. Prepare for the 17th Asian Games, 2014 Incheon,

formulate a Baseball Strengthening Program, promote system reform for the training of athletes and incorporation of a national athletic training center to deliver top performances in international competitions and actively promote international and cross-strait sports.



L

Establish Youth Development Platform to Nurture Multiple Abilities



Conduct training for career counseling seed teachers, carry out research on career development, establish information networks for career counseling in universities, colleges and junior colleges; fully implement career counseling for students to increase professional opportunities during students' academic careers, including internships at non-profit organizations such as community's enterprise and social welfare and public agencies in central and local governments. To foster youth development through the administrative system, a preliminary study was conducted of the Youth Development Act in the hope of promoting such development through clearly stipulated regulations. Youths are encouraged to acquire the ability to innovate and develop in diverse ways. The Ministry will continue to cultivate such abilities and increase youth volunteer participation. ●