

# Happy Education for All Creative Talent Shapes the Future



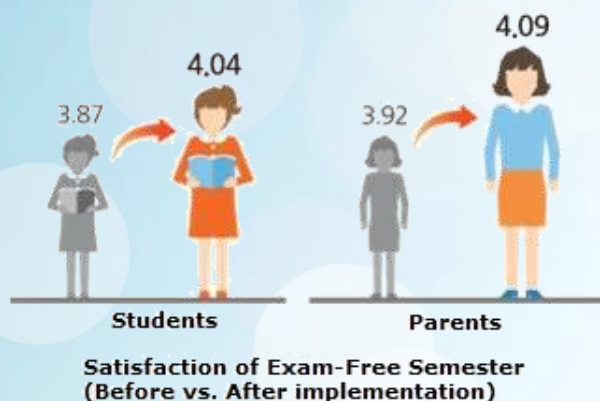


- I. Evaluation on Policies of Past Three Years**
- II. 2016 Policy Plans**

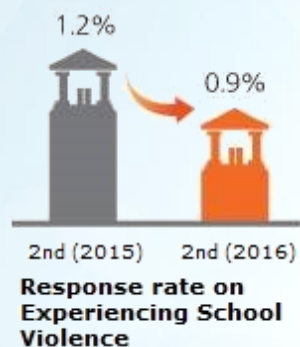
# **I. Evaluation on Policies of Past Three Years**

## Schools that nurture dreams and talents

- Expansion of Exam-Free Semester

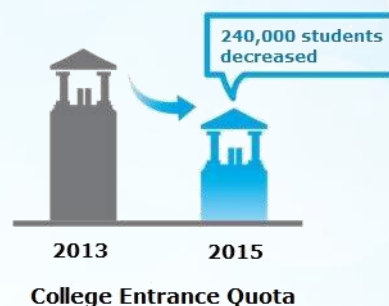


- Improvement of school culture for holistic development of students

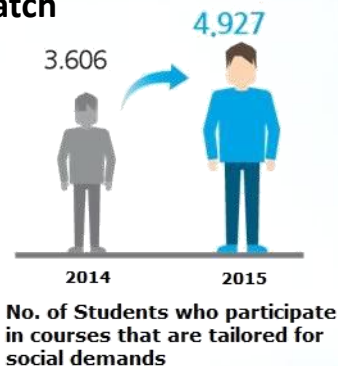


## Higher education that responds to social demands

- University reform to resolve excessive demand

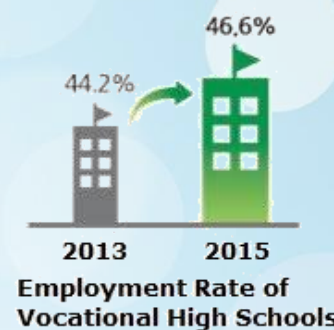


- Expansion of courses that meet social demand to resolve labor market mismatch

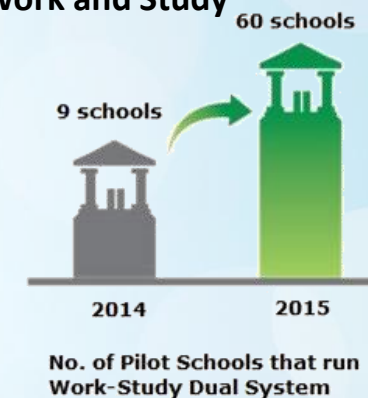


## Vocational education that meets labor market demands

- NCS-based vocational education to raise employment rate of high school graduates



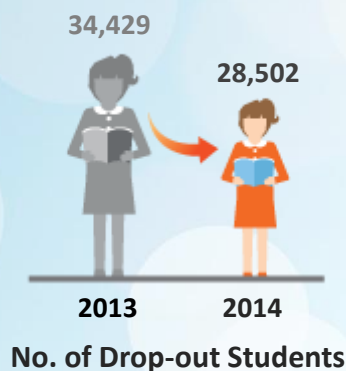
- Expansion of "Dual System of Work and Study"



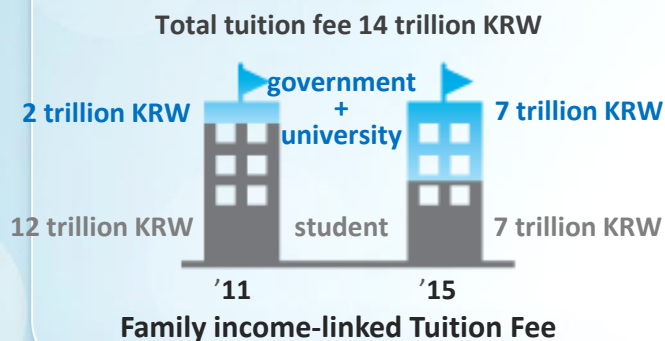


## Expanding equal educational opportunity

- Implementation of mandatory cooling-off period for drop-out students



- Introduction of family income-linked half tuition fee system



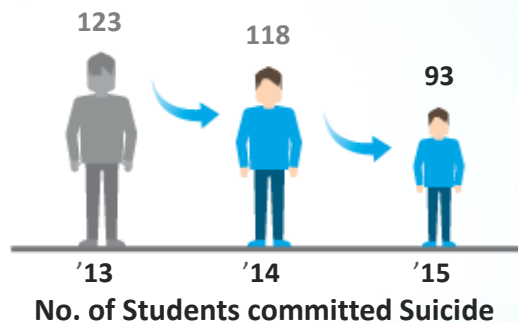
## Ensuring safe school environment

- Announcement of “Comprehensive Safety Plan in Education” (November 2014)

Introduced “Safety” subject in the revised national curriculum of 2015

Conducted school safety inspection across country (3 times per year)

- Student suicide rate dropped by supporting at-risk students



## Improving status of Korean education on global stage

- Successful hosting of World Education Forum (May 2015) and advocacy of Global Citizenship Education

“...the defenses of peace must be constructed...the answer lies in no other than “education”, and accordingly Global Citizenship Education must be disseminate and strengthened further.”

(Speech by President Park Geun-hye at UNESCO on 1<sup>st</sup> December 2015)

- Sharing Korea’s education development experience with developing countries in Africa and Latin America

87 rounds of bilateral meetings held

30 MOUs signed

2013-2015 International Cooperation Records

## II. Policy Plans for 2016

1. Providing education that nurtures dreams and talents
2. Fostering human resources that meet social demand
3. Providing education that leaves no child left behind
4. Creating safe school environment
5. Promoting Korean education that leads the world

# Happy Education for All, Fostering Creative Talent who Open up the Future

We will foster  
creative future  
talent

We will resolve  
mismatch in labor  
market

We will accelerate  
transition to  
meritocratic  
society

Education that  
nurtures dreams and  
talents



Human resources  
that meet social  
demand



Education that  
leaves no child left  
behind



Safe school  
environment



Korean education  
that leads the world



# 1. Providing Education that nurtures Dreams and Talents





# For Successful Implementation of Exam-Free Semester!



**Full implementation of exam-free semester**



**School reform through promotion of exam-free semester**



**Bridging local divide in career planning opportunities**



**Improving career planning services**



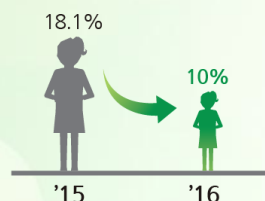
**Encouraging participation of parents in exam-free semester**

- Completing field inspection before the first semester begins
- Providing 1:1 consulting for teachers and leading/new schools
- Operating pilot schools for the implementation of project/debate-based classes (2016: 100 schools)
- Reforming the way students' school records are written, as well as NEIS
- “Video mentoring on career planning” are provided to all middle schools in hard-to-reach areas (1,228 schools)
- Creating “career villages”
  - ※ (Daejeon) National Research Council of Science and Technology, (Ulsan) Hyundai Motors, etc.
- Developing and distributing “career map” (2016)
- Establishing a single information portal on exam-free semester (2016)
- Introducing certification system of excellent career exploration (2016)
- Parents are invited to participate in classes as part of class demonstration for 1-2 times during the Exam-Free Semester (2016-)

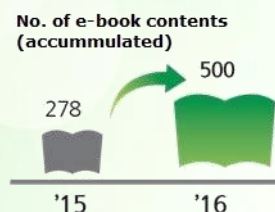
# For National Curriculum that Fosters Creative Talent!

## Fun mathematics education, and practical English education

- Preventing middle school students from giving up on math altogether by providing remedial math classes



- Expanding e-book and speaking/writing English programs



- Organizing consulting panels of English teachers and provide more trainings for English teachers

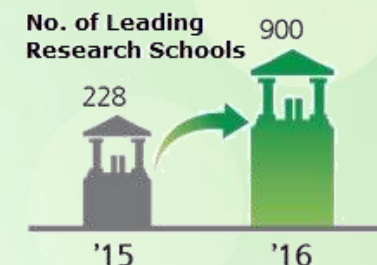


## National Curriculum that fosters creative talent

- Developing learner-oriented textbooks and providing trainings to teachers for smooth implementation of 2015 National Curriculum
- Ensuring active student participation throughout the learning process in the classroom
- Students' school records are to contain student-specific features and their development progress (2016)

## Mandatory software education for primary and secondary students

- Designating two leading local offices of education and 900 leading schools in SW education



- Developing and disseminating block-based programming tools
- Providing SW training for 3,500 in-service primary school teachers and 400 secondary school teachers



# For Happy Education that pursues Students' Holistic Development!

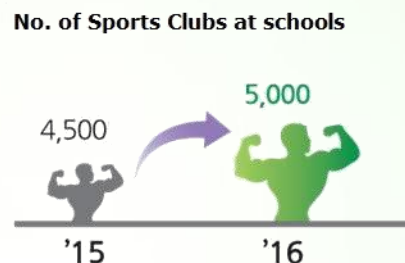
## Character education

- Implement the “Five-Year Plan for Character Education”
- Introduce character education courses during teacher training for pre-service and in-service teachers (2017)
- Develop media literacy courses to enhance students' ability to analyze media information (15 pilot schools)

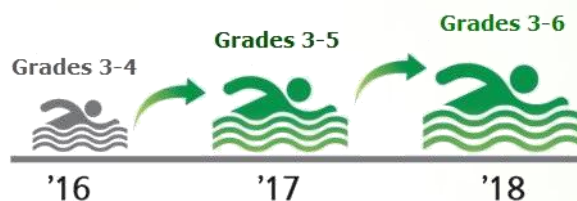


## Arts and physical education

- Stimulate arts education by encouraging the creation of student orchestra (500 schools), drama clubs (300 schools), and musical clubs (180 schools)
- Support providing musical instruments to schools (1,200 schools) to encourage students to play at least one musical instrument
- Encourage students to join at least one sport club



- Expand swimming classes



## History and unification education

- Develop objective history textbooks based on the values of the Constitution (~ Dec. 2016)  
※ Conduct feasibility test before distributing across schools ('Nov-Dec. 2016)
- Designate and operate schools that have unification study clubs (100 schools), and run pilot schools to prepare for unification (2 schools)
- Provide various opportunities to engage in unification activities and programs by working closely with relevant ministries, including the Ministry of Unification



# For School Education that Teachers and Students Satisfy!

## Capacity-building for general high schools




- General high schools with special focuses on specific subjects will be increased to 300 schools by 2017
  - ※ Currently, there are schools focusing on science, arts and physical education, but the subject areas will be expanded to include foreign language, social studies and economics
- Programs calibrated to each student's ability level will be provided to cater to individual academic needs
- The first semester for 10<sup>th</sup> graders will be "intensive career planning semester" in 37 pilot high schools

## Highly respected teachers



- Result of efforts to reduce teachers' administrative workload will be used in the evaluation on local offices of education
- "Voluntary sabbatical leave system" will be introduced to teachers who have worked for more than ten years
- Capacity-building training will be provided to new teachers (from six months up to one year)
  - ※ Class hours will be reduced and more consulting services will be provided to teachers
- "Metal health support centers" and programs will be expanded for teachers (2016)

## College entrance exam in accordance with national curriculum



- College entrance exam will be administered only based on the national curriculum
- Korean history subject will also be tested in the college entrance exam
- Internet portal that provides customized information on college admissions will be established ([adiga.go.kr](http://adiga.go.kr), in 2016)



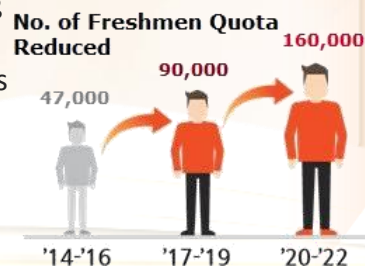
## 2. Fostering Human Resources that meet Social Demand



# For University Reform!

## Pushing for university reform

- Immediate enactment of University Reform Act
- Reduction of student enrollment and restriction on financial support, as well as provision on consulting
- Transforming regional universities into vocational schools



**Resolving mismatch in higher education sector**

## Reorganizing college courses to meet social demands

- Student enrollment will be increased for courses that have high demand (e.g. engineering)
  - ※ PRIME project will receive 2 billion Korean won of financial support
- Humanities capacity-building for universities to support pillars of creative economy
  - ※ 6 billion Korean won for CORE project
- Come up with plans to promote industry-university cooperation in line with employment
  - ※ Establishment of Five-Year Plan on Industry-University Cooperation, and plans for Post-LINC project

## Building universities' education and research capacities

- Expanding K-MOOC courses and credit exchange among universities
  - ※ No. of K-MOOC courses (27 → 120)
- 5-year course that combine bachelor's and master's courses will be introduced for some sectors such as engineering and business management
- The period during which individual researchers are financially supported for their research will be expanded from three years to ten years

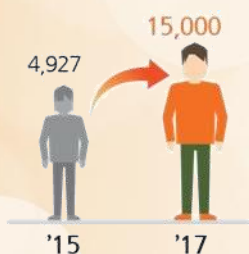
## Increasing autonomy and accountability of universities

- Come up with plans to develop public universities (2016)
- Come up with financial plans to ensure universities to live up to their founding ideologies and their specialty (2016)
- Raise social responsibility and transparency of private schools, and strengthen regulation for the prevention of corruption

# For Vocational Education that Students Needs!

## Delivering college courses customized to social needs to guarantee employment after graduation

- Increase student enrollment in college courses customized to social needs to 15,000 by 2017
- Expand participation of private companies in curriculum development and student recruitment (under cooperation between colleges and companies)
- Support online courses such as K-MOOC

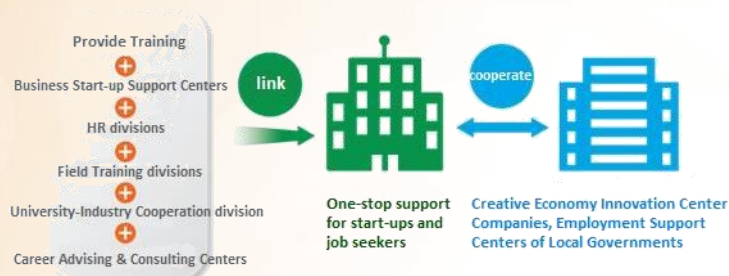


## Delivering employment training tailored to students' needs

- Performance of colleges' efforts in supporting their students will be reflected on their ex-post evaluation, which will determine the amount of financial support they receive from the government to be used in projects such as LINC, PRIME, CK, SCK, etc
- Capacity-building for humanities students
- Job fairs will be held for students attending regional colleges

## Providing one-stop employment training and consulting services

- Deliver one-stop support to job-seeking students, as well as students who wish to set up their own business by connecting training and consulting systems



## Supporting entrepreneurship education for job creation

- Dissemination of excellent models of job training and entrepreneurship education by closely working with relevant agencies, such as Small and Medium Business Administration
  - ※ No. of students enrolled in start-up friendly courses: (2015) 176,000 → (2016) 185,000
- 300 best start-up student clubs will be selected and supported
- Establish start-up friendly bachelor degree courses



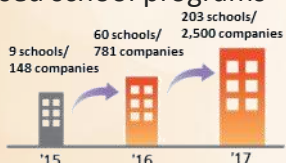


# For Expanding Apprenticeship-based Dual System of Work-Study Model



## Expanding apprenticeship-based schools

- Increase participation of companies in apprenticeship-based school programs



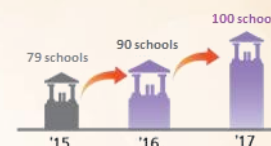
- Reduce companies' financial burden of training students

- Diversify apprenticeship-based school models

- Introduce a system that invites parents for class observation (2016)

## Delivering NCS-based education

- Implement NCS-based curriculum in all specialized high schools and Meister High Schools from 2016
- Expand NCS-based curriculum in junior colleges



## Disseminating "Dual System of Work and Study" model

- Promote Uni-Tech, a system that combines specialized high school and junior college systems, which guarantees employment after graduation
- Disseminate best field learning-based models across colleges

## Promoting NCS infrastructure

- Finalize developing NCS-based learning materials



- Come up with plan for developing Korean-style NQF



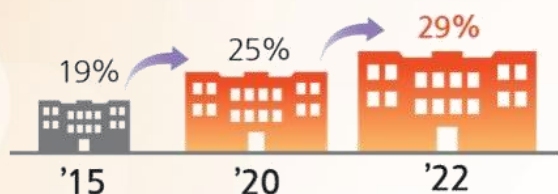
# For Revitalizing High School Graduates' Employment, Expanding "Job First-University Later"

## Job First

- Actively respond to the high unemployment rate of high school graduates by expanding specialized high schools and Meister High Schools (up to 30%)
  - ※ Specialized high schools and Meister High Schools will maintain the current student enrollment (330,000) even if the number of overall high school students nationwide decreases in the future

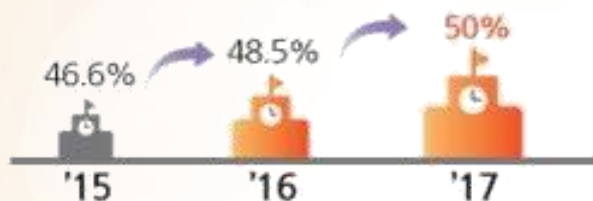
Student enrollment rate of Vocational high schools (among all high schools in Korea)

OECD average : 47%



- Raise employment rates of graduates of specialized high schools and Meister high schools

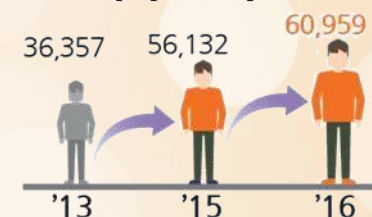
Employment rate of graduates of specialized high schools and Meister high schools



## University Later

- Expand support for high school graduates who decide to go on to college after spending some time working at a company

No. of high school graduates who decided to work before going on to college



- Open new courses designed to cater to the needs of students who decide to go on to college after getting a job (63 schools, 128 courses)
- Foster excellent lifelong education colleges (up to 8 schools)
- Reform higher education system to support students who go on to college after spending some time working at a company after high school graduation



### 3. Providing Education that leaves No Child Left Behind




# For Ensuring Equity of Quality Early Childhood Education!




## Improve quality of early childhood education

- Improve kindergarten recruitment system
  - ※ Legal framework will be established to ensure kindergarten recruitment be based on municipal ordinance
- Prepare for the implementation of ‘capacity evaluation of kindergarten teachers’



## Enhance quality of daycare centers for primary school students

- For 3<sup>rd</sup>-6<sup>th</sup> graders, caretaking services will be provided in line with afterschool programs
- By 2020, additional 20,000 1<sup>st</sup>-2<sup>nd</sup> graders will benefit from the caretaking service



## Increase autonomy and accountability of local education authorities

- Nuri Curriculum budget of local offices of education will be finalized early
- Budget execution will be strictly monitored by the general public through an internet portal which provides
- information on local education finance



# For Building Supportive Network With No Exclusion!

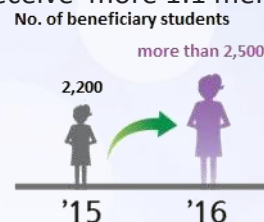
## Increase financial support for students and improve education system in rural areas

- Financial support system for students to be switched to a system that allows constant application/ registration
- Actively explore new recipients while treating their eligibility in a fair manner
- Leading middle schools in rural areas will be supported to provide Smart ICT education (60 schools in 2016)
- Come up with plans to support transportation to schools for students living in rural areas (2016)

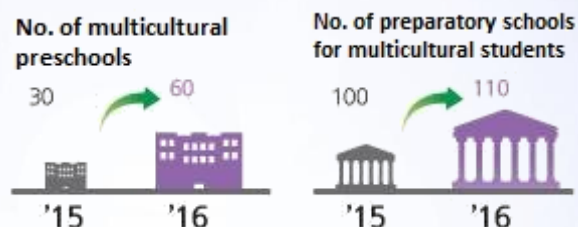


## Education support for vulnerable members of society

- North Korean students who defected to South Korea) will receive more 1:1 mentoring services



- Students from multicultural families will be provided with customized education



- For students with disabilities, more schools will offer special education  
※ (2015) 168 schools → (2016) 170 schools
- For Lifelong education, idle facilities will be used as Happy Learning Centers (276 → 500)  
Literacy education programs will be newly produced to broadcast on EBS

## Prevent student drop-out and support their return to school

- Come up with common standard in implementing deliberation period for would-be high school drop-outs (2016)
- Expand classes for alternative education in schools



- Set up a system of providing education and counseling to drop-out students



- Academic information on drop-out students is to be shared with youth support centers (with Ministry of Gender Equality and Family)



# For Lessening Economic Burden on Students and Parents!



## Reducing private education expenses

- Strengthen monitoring on the operation of private tutoring institutions (*Hakwons*) under close cooperation of relevant ministries



## Improving survey system of private education costs

- Come up with plan to survey early childhood private education expenses (2016)
- Public education expenses and private education expenses of students will be announced separately (Feb.2017)



## Reducing demand for private education to study ahead of school curriculum

- Universities that administered their own college entrance exam out of line with the national curriculum will face restriction in their student enrollment and admissions by the government.
- 'Public Education Normalization Act' will be revised to ease regulation on the operation of after-school programs



## Reducing tuition fees for college students

- Raising the overall amount of government scholarships and also scholarships for students from low-income families
- Constructing additional dormitories to accommodate more students (2012:18.4%,2016:24.1%)

## 4. Creating Safe School Environment



# For Healthy and Safe School Life!

## Promote safety on school facilities

- Conduct inspection on school buildings that are more than 40 years old
- Asbestos cleanup in school buildings by 2017 (365 schools)
- Develop safety manuals for research labs in colleges (2016)

No. of Schools that cleaned up asbestos



## Strengthen prevention measures against communicable diseases at school

- Come up with safety models for schools (Oct. 2016) and designate best safety schools (100 schools)
- Introduce “early alert system” and “real-time monitoring system” across schools, hospitals and health authorities (2016)
- Develop safety manuals for educational institutions to prevent the spread of communicable diseases and conduct regular safety drills (at least once a year)

## Build capacity for school safety measures

- Implement 3-Year Plan for School Safety (2016-2018) and come up with plans for its implementation by individual schools (Feb. 2016)
- Conduct mandatory safety education for students, teachers and staff members of kindergarten, primary and secondary schools (2016)
- Establish a national system that certifies school safety experts
  - ※ Propose revising 「School Safety Prevention and Compensation Act」 (2016)
- Develop (2016) and distribute (2017) textbooks on safety
  - ※ Total of 64 hours will be dedicated to safety education for 1<sup>st</sup> and 2<sup>nd</sup> graders

# For Child Abuse Free Environment!



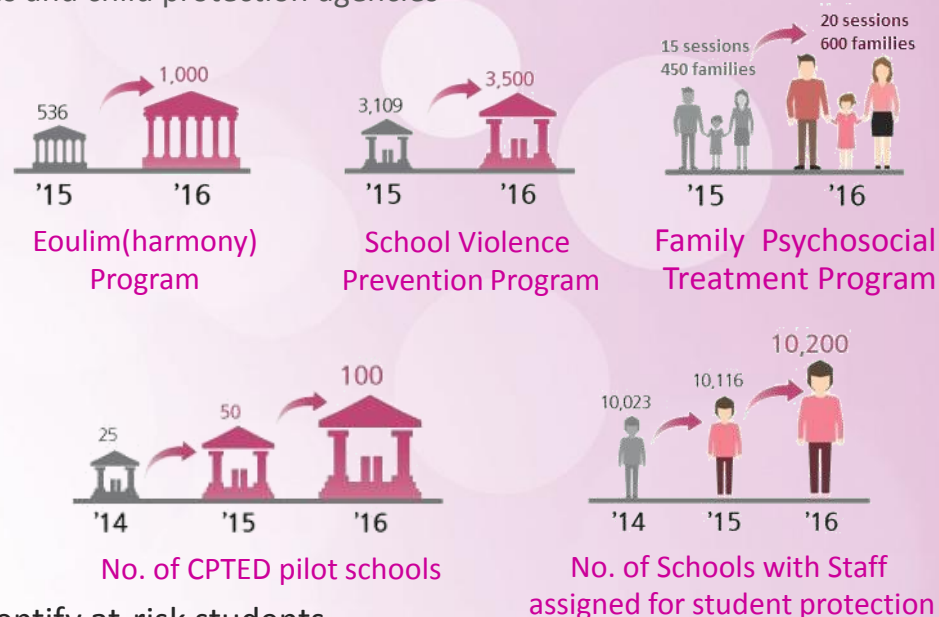
## Strengthen monitoring on student long-term absence

- Come up with “Comprehensive Plan for Prevention of Child Abuse” and constantly monitor through the Social Affairs Ministerial Meeting
- Establish a body responsible for taking care of long-term absent students, and students who do not receive formal education
  - ※ In cooperation of local governments, police offices and child protection agencies



## Prevent school violence

- Expand school violence prevention programs
- Operate pilot schools free of violence



## Prevent student suicide

- Wee Class: Develop and distribute manuals to identify at-risk students
- Wee Center: Expand counseling services for students
- Provide mandatory education on the value of life to prevent student suicide in primary and secondary schools





# For Education that Students and parents Need!



## Providing nutritional school lunch

- Photos of school lunch are uploaded on school websites to gather opinion from students and parents
- School lunch system will be linked to the Comprehensive Food Safety Information Network (2016)



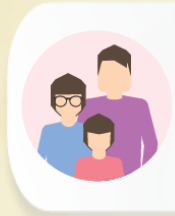
## Improving education system to meet the demands of parents

- Providing information to parents whose children go on to upper schools (i.e. for 6<sup>th</sup> and 9<sup>th</sup> graders)
- Introducing paid-leave system for dual earner parents to help them to participate in their children's school activities

## 5. Promoting Korean Education that lead the World

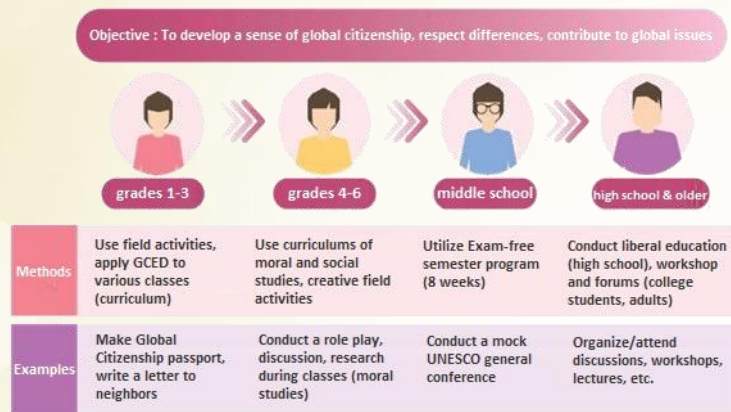


# For Leading Global Citizenship Education!



**Disseminating Global Citizenship Education among primary/secondary school and college students**

- Developing GCE model and teaching materials (2016)  
 < Example of GCE model >



- Fostering more than 700 GCE teachers by providing training to teachers and officials at local offices of education nationwide
- Setting up “GCE-International Organization Exhibition Hall” at APCEIU (2016)



**Strengthening international cooperation for promotion of GCE**

- Developing country-specific GCE curriculum and teaching materials (2016-2018)

※ Target countries: (Asia) Mongolia, Cambodia, (Africa) Uganda, (Latin America) four countries including Colombia

- Providing training for teachers and government officials of ODA recipient countries to foster GCE experts
- Establishing and operating UNESCO-GCE website and developing online courses
- Strengthening international cooperation by establishing GCE network and holding international forum of UN, UNESCO, OECD, etc



# For Sharing Experience of Korean Education with the World!

## Expansion and reform of teacher dispatching program

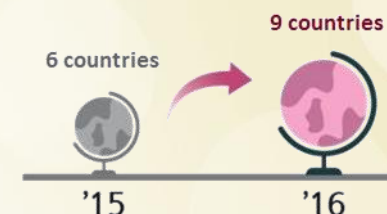
	'15	'16
1. No. of dispatched teachers	20 teachers/year	300 teachers/year
2. Types of dispatched teachers	pre-service & in-service teachers	education major college students, pre-service, in-service, retired teachers
3. Roles of teachers	teach classes	advise, consult, teach classes
4. Target Countries	ODA countries	ODA and non-ODA countries
5. Subject areas	Korean language, math, science at primary education level	Korean language, math, science, ICT at primary education level, and other subjects by request
6. Dispatched period	11 months	short-term : 2 months (vacation) long-term : 1-5 years (can be extended by 1 year)

## Establishment of East Asia Education Community

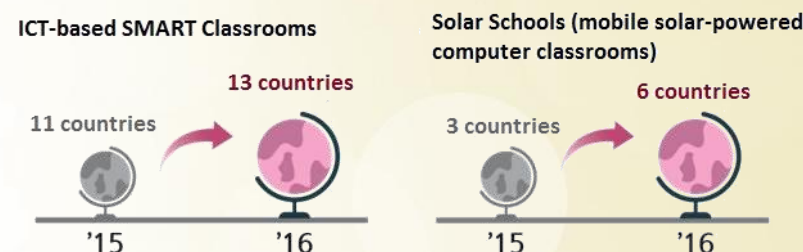
- The First Trilateral Education Ministers' Meeting held in Seoul (30<sup>th</sup> January 2016)
- Expanding student exchange across the ASEAN+3 region based on cooperation among Korea, Japan and China
- 32<sup>nd</sup> Korea-ASEAN ACT+1 to be held

## Expansion of education ODA

- Supporting ICT education and vocational training of African countries by tapping into "UNESCO Trust-in-Fund Project"
- Expanding "International Cooperation Leading University program" by newly supporting Egypt, Uzbekistan and Indonesia



- Operating "ICT-based SMART Classroom" in Laos and Peru  
Newly operating "Solar Schools" in Rwanda, Mozambique and Uganda

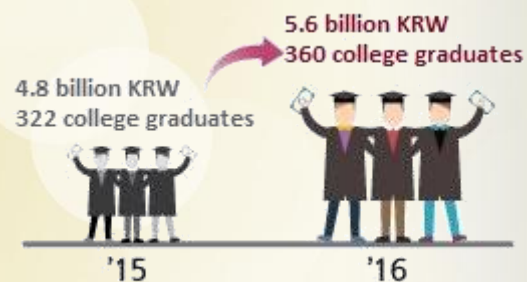




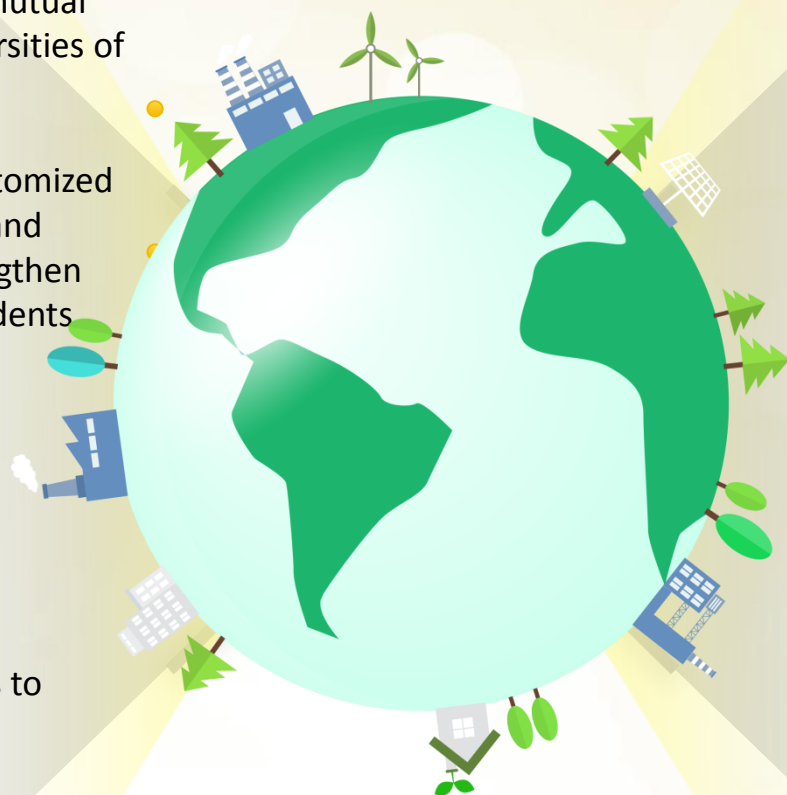
# For Developing Universities' Global Capacity!

## Global expansion of higher education (outbound)

- Expansion of credits exchange and mutual recognition of degrees among universities of Korea, Japan and China
- New establishment of programs customized for college graduates by expanding and reorganizing WEST program to strengthen international capacity of college students

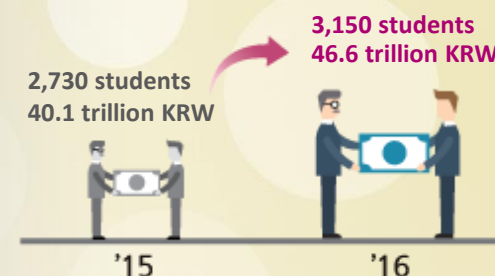


- Exporting Korea's education services to developing countries
- Establishing "National Information Center (NIC)", which provides certified information on domestic and international higher education



## Attracting excellent education institutions and international students (inbound)

- Expansion of Global Korea Scholarship (GKS)



- Diversification of international students (e.g. ASEAN, CIS, etc)
  - Establishment of joint campuses with world's prestigious universities
- ※ Joint/dual degree programs are operated in Korean campuses in cooperation with both Korean and overseas universities

**2016 will be the year of successful  
education reform!**



**교육부**  
Ministry of Education