Center for Digital Education Research

Digital Education Research Center

We are committed to education for all.

KEDI
KOREAN EDUCATIONAL DEVELOPMENT INSTITUTE

The Digital Education Research Center continue to put all efforts into creating a teaching and learning environment based on intelligence information technology in order to realize lifelong learning society in line with the national education welfare policy.

Contents

Greetings

The Digital Education Research Center has been actively living up to the value of lifelong secondary education that has taken on a greater significance in our society today.

The Digital Education Research Center has been working hard to expand opportunities for digital-based regular education for the underprivileged and to provide customized education support services based on learner analysis. Moreover, the Center has created a teaching and learning environment based on intelligence information technology in order to offer secondary education suitable for a lifelong learning society. The Korean Educational Development Institute(KEDI) has walked through the entire history of the Digital Education Research Center together, and is very honored and proud to witness the progress the Digital Education Research Center has made so far.

Currently, our society is facing significant changes such as the advent of the 4th industrial Revolution, decreasing the number of school-age population due to low birth rate, rapid movement towards a multi-cultural society, and creation of favorable environment for inter-Korean cooperation.

Accordingly, the future society calls for talents with creative and convergent thinking competency who will create value for sustainable development, education reform and innovation. For this, the Digital Education Research Center has set out the vision for 'establishing a customized and open learning system through the convergence of education and intelligence information technology' and stepped up efforts to heighten its status as the central digital education research center in Korea.

KEDI is committed to supporting the Digital Education Research Center as it continues to develop as the hub for educational innovation by taking initiatives in realizing progressive education policies for the underprivileged, as well as connecting Ministry of Education, Metropolitan and Provincial Offices of Education, and schools around the nation.

In addition, we will secure our competitive edge through continuous research and policy development and flexibly respond to the changes in education associated with the 4th Industrial Revolution. Envisioning a fully inclusive society, we pledge to put all our efforts into creating educational innovation for the underprivileged. We would like to ask you to give us your continued interest and strong support.

President of KEDI *Ban. Sangjin*

History

1973 ~

Feb 1973 Revised high school entrance examination system and set the plan for the establishment of Open High Schools (Ministry of Education)

Mar 1973 Consigned research for the establishment of Open High Schools to KEDI (Ministry of Education)

Mar 1974 Founded 11 Open High Schools (in Seoul and Deagu) Implemented the radio broadcasting lecture system and offline classes at Open High Schools

Sep 1976 Enacted regulations on educational credential assessment test for graduation of students who have completed Open High School curriculum (Decree of Mistry of Education)

Feb 1977 Held the 1st graduation ceremony of Open High Schools (Number of graduates: 2,680)

Mar 1987 Established 50 Open High Schools in 26 cities and 1 rural community (Number of students: 48,067)

2004 ~

Mar 2004 Built cyber education system at Open High Schools Ran model schools of cyber education designated by Ministry of Education, Science and Technology(3 schools)

Mar 2006 Began cyber education system for freshmen at Open High Schools Abolished the educational credential assessment test for graduation

Mar 2008 Applied cyber education system for all grade levels at open high schools

Founded an open high school affiliated with Howon High School(Gyunggi) (total number of schools: 40)

2011 ~

Jan 2011 Restructured Open High Schools' operation system and established the plan to support the underprivileged through distance education (The plan to build Open Middle Schools is included, Ministry of Education, Science and Technology)

Aug 2011 Revised the 「Degree on Standards for the Establishment of Open High Schools」 & enforcement regulations (Adopted credit-based certification system (current Learning Experience Recognition System)

Jan 2012 Revised 「Elementary and Secondary Education act」 (No.11219) (Laid the ground for the establishment of Open Middle Schools)

Mar 2012 Began mobile learning services at Open High Schools Introduced Learning Hours Recognition System in Open High Schools (current Learning Experience Recognition System) and ran model schools (3 schools)

Sep 2012 Ran Online Classes (in High Schools)

2017~

Mar 2017 Newly established a youth class in Open Middle Schools affiliated with Jeju Jeil Middle School

Ran a distance class for middle school students with health impairment

Implement e-Schools for student-athletes for Open Secondary Schools in full (the number of schools: 2,370, the number of students who attended: 40, 128)

Ran pilot projects to support preschoolers and school dropouts students who are subject to compulsory education (6 cities and provinces)

Jun 2017 Ran pilot projects to support Online Common Education Course (6 cities and provinces)

Jul 2017 Opened e-School run-up courses for student-athletes (to meet basic academic capability)

Sep 2017 Ran real-time video conference classes for students with health impairment

Nov 2017 Revised 「Enforcement Decree of Elementary and Secondary Education Act (Laid the ground to run a pilot project to support preschoolers and school dropouts students who are subject to compulsory education)

Dec 2017 Revised Enforcement Decree of Standard for the Establishment of Open Secondary Schools (President Decree No. 28517) (Laid the ground to shorten and extend the years required for graduation)
Established the learning management system to support preschoolers and school dropouts students who are subject to compulsory education

Mar 2018 Founded 3 Open Middle Schools affiliated with Chungbuk Jusung Middle School, Chungnam Cheonan Middle School, Gyeongbuk Pohang Middle School (total number of schools: 23)
Ran pilot projects to support Online Common Education Course (11 cities and provinces)

Apr 2018 Implemented the 1st educational credential assessment of pilot projects to support preschoolers and school dropouts students who are subject to compulsory education (4 students' academic achievement were acknowledged)

Oct 2018 Held the 1st distance class offline camp 'Let's go together, friends' for student with health impairment

Dec 2018 Established the online assessment system for online classes

2013~

Mar 2013 Founded open middle schools affiliated with Daegu High School(Deagu), Gwangju Buksung Middle School (Gwangju) (total number of schools:2)

Implemented Learning Experience Recognition System at Open Secondary Schools

Mar 2014 Founded 4 Open Middle Schools affiliated with Daejeon Bongmyeong Middle School(Deajeon), Suwon Jeil Middle School, Howon Middle School(Gyeonggi), Kyongwon Middle School (Gyeongnam) (total number of schools: 6)

Founded 2 Open High Schools affiliated with Sangdong High School and Seohyun High School(Gyeonggi) (total number of schools: 42)

Mar 2015 Founded 6 Open Middle Schools affiliated with Ahyeon Middle School(Seoul), Namchuncheon Middle School & Wonju Middle School & Gangneung Middle School(Gangwan), Jeonra Middle School(Jeonbuk), Jinju Middle School (Gyeongnam) (total number of schools: 12)

May 2015 Established e-School online learning system for student-athletes

Sep 2015 Ran Online Classes (in Middle Schools)

Feb 2016 Held the 1st graduation ceremony for Open Middle School (the number of graduates: 201)

Mar 2016 Founded 8 Open Middle Schools affiliated with Busan Hwamyong Middle School, Incheon Guwol Girls' Middle School, Ulsan Haksung High School, Gyeonggi Sampyung Middle School, Cheonnam Mokpo Jungang Girls' Middle School & Suncheonyeonhyang Middle School, Jeju Jeil Middle School (total number of schools: 20)

May 2016 Established a distance class system for students with health impairment

2019~

Jan 2019 Changed the name of 'distance classes for students with health impairment' to 'School For You'

Revised the part of 「Guidelines for managing students' school record」 (Directive No.280) (set a criteria to record the result of online class completion)

Mar 2019 Founded Open Middle School affiliated with Hong Sung Girls' Middle School (Chungnam) (the number of schools: 24)

Established the elementary school courses system for School For You

Extended pilot projects to support preschoolers and school dropouts students who are subject to compulsory education (15 cities and provinces)

Ran pilot projects to support Online Common Education Course (17 cities and provinces)

Mar 2020 Ran a School For You For Elementary school Course

Vision and Objectives

DIGITAL EDUCATION RESEARCH CENTER

Vision

Ensure Equity in Education though Online Education

Mission

Expand opportunities for formal education and guaranteeing right to learn for vulnerable groups in education

Operate primary and secondary education to meet the demand for lifelong learning society

Establish teaching-learning environments to ensure equal access to education for all

Goals

- Strengthen the Center's status as a national research hub for online education
- Monitor and improve the quality of education in Open Secondary School and Online education programs through the Performance Management System
- Provide personalized learning supports through the application of learning analytics
- Strengthen research competencies about the use of future technologies such as AI, Big Data analytics and apply those technologies into Online education
- Investigate the feasibility of establishing online secondary school as a response to various learning demands and changes in the learning environments
- Improve evaluation system of Recognition of Prior learning(RPL) in Open Secondary School
- Support implementation of High school Credit System through the advancement of the Online Interschool Program
- Develop various digital learning contents to expand choices in learning and enrich personalized learning

Roles and Functions

Enhancement of Online Learning Experience

- Ensure a successful online learning experience
- Create an online learning environments, develop teaching competencies, and provide consulting sessions to teachers in order to improve the quality of education

Provision Data-based Learning Support

- Provide adequate learning supports based on data collected from previous learners
- Build the infrastructure that make possible to use AI and Big data analytics for learning

Research Hub for Online Educaiton

- Respond to individual and social demands for online education by serving as a research hub for online education
- Play a leading role in research in the development of online education and its practical application

Operation of Online Education

- Operate Open Secondary School and Online Interschool program
- Conduct research and assist operation of online education programs, based on accumulating experience in the field

DIGITAL EDUCATION RESEARCH CENTER

Guarantee of Equal Access to Education

- Design online curriculum and courses, which minimizes obstacles to online learning
- Ensure equal access to education for all based on universal design for learning

Provison of Personalized Online Learning

- Design personalized curriculum and learning environments
- Provide student-centered online education based on learning analytics

System and Organization

Korean Educational Development Institute(KEDI)
Research, development, and assistance for operation

Ministry of Education
Building legal system and infrastructure

Metropolitan and Provincial Offices of Education
administrative and financial support

Future Education Research Division

Digital Education Research Center

Research and Planning

• Oversee and supporting Center's projects
• Support basic research
• Run a Research School
• Run an evaluation committee for learning experience recognition system

Operation of Open Middle·High School

• Provide consulting service for the establishment and operation of Open Middle·High School
• Plan and support academic affairs of Open Middle·High School
• Support Open Middle·High School's related personnel association
• Run Open Middle·High School's learning experience recognition system
• Advertize Open Middle·High School
• Operation of Open Middle·High School comprehensive counseling
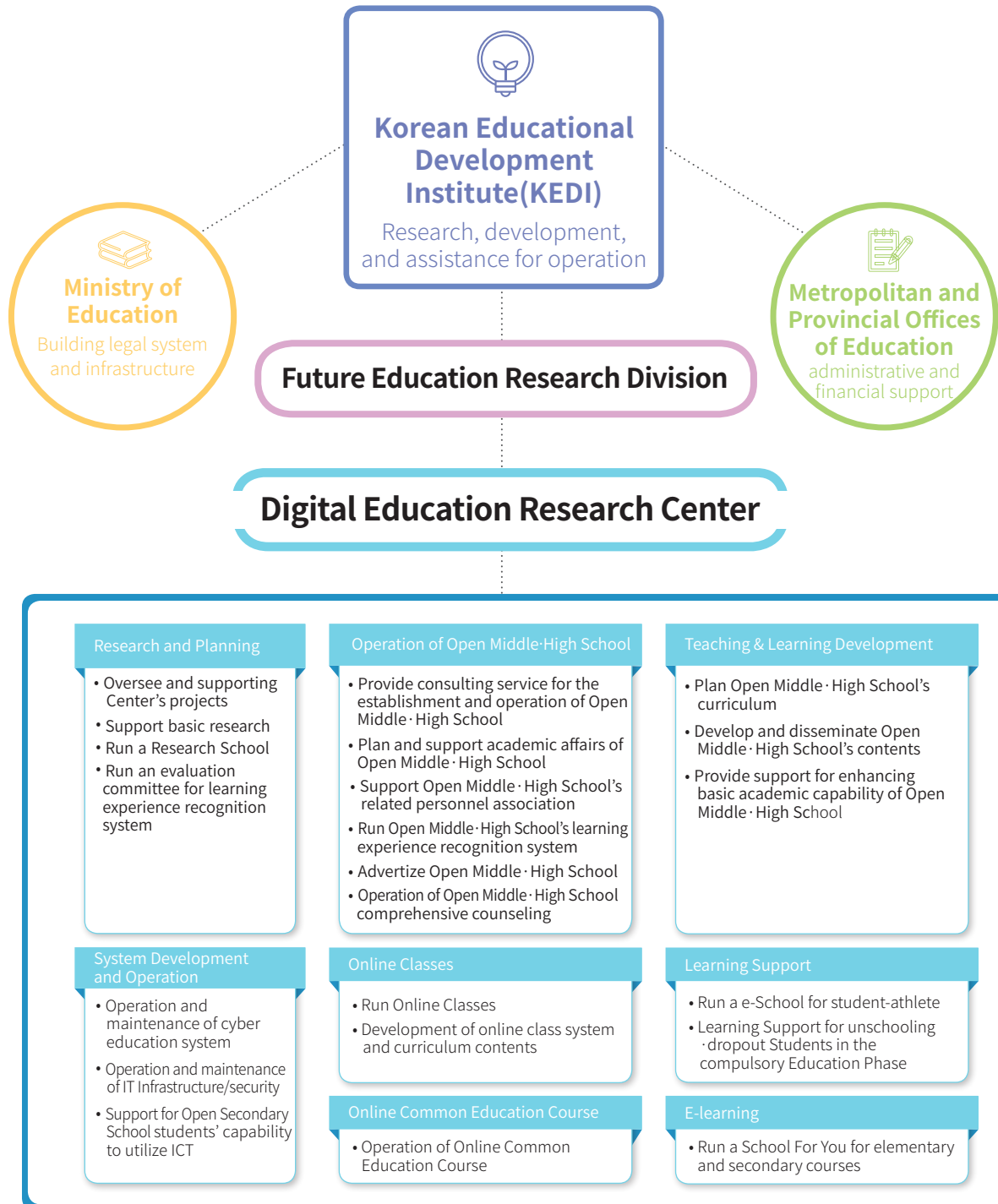
Teaching & Learning Development

• Plan Open Middle·High School's curriculum
• Develop and disseminate Open Middle·High School's contents
• Provide support for enhancing basic academic capability of Open Middle·High School

System Development and Operation

• Operation and maintenance of cyber education system
• Operation and maintenance of IT Infrastructure/security
• Support for Open Secondary School students' capability to utilize ICT

Online Classes

• Run Online Classes
• Development of online class system and curriculum contents

Learning Support

• Run a e-School for student-athlete
• Learning Support for unschooling·dropout Students in the compulsory Education Phase

Online Common Education Course

• Operation of Online Common Education Course

E-learning

• Run a School For You for elementary and secondary courses

Education Support Projects

The Digital Education Research Center has pushed ahead with education support projects for the underprivileged.

For students without regular secondary school diploma

Establishment and Operation of Open Secondary Schools

Projects executed by Open Secondary Schools

- Establish operation systems of Open Secondary School
- Analyze prospective students and provide consulting service for the establishment·operation
- Offer specialized programs considering characteristics of students
- Provide education curriculums that correspond with characteristics of Open Secondary School
  - Create and operate Credit Recognition System for extracurricular learning experience

For enrolled students of school age

Offer online classes to strengthen the right to learn and select subjects

Online classes project

- Address the problems of general middle and high school students not completing required curriculum and to offer additional subjects to choose
- Set guidelines for online classes consigned by Metropolitan and Provincial Offices of Education
- Improve the criteria and method of assessing online class achievement
- Determine what and how to record the students' school record for online class attainment

e-School project for student-athlete

- Provide online classes to fulfill the right to education for student-athlete
- Enhance student-athletes' lowered academic ability caused by absence of classes
- Provide programs to assist students who lack basic academic ability

School For You projects

- Fulfill the right to education and help students get back into learning
- Improve the quality of education for students with health impairment
- Help students gain emotional stability
- Set up a system tailored to students with health impairment

Online Common Education Course project

- Strengthen the right to select subjects for students who have chosen unavailable subjects and those who live in rural area
- Offer a two-way, real-time online education system for 24/7 access
- Have the Credit System in place as a groundwork to support education policies and strategies

For the unschooled and school dropouts

Support and recognize their academic achievement

Projects to Learning Support for unschooling·dropout Students in the compulsory Education Phase
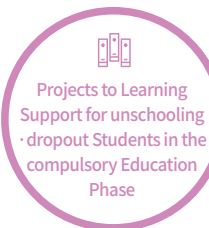
- Provide opportunity to gain recognition and develop programs to support learning for dropout or preschool students
- Set a criteria and system to acknowledge academic achievement for dropout and preschool students
  - Form·run a committee and procedures of Educational Credential Evaluation
- Establish a criteria and system of learning support program for dropout and preschool students
  - Form·run a committee, indicator, criteria, and procedures of designation

Introduction of Support Projects

For students without regular secondary school diploma
Open Middle·High Schools

Open Middle·High Schools are established as affiliated schools at 66 public middle·high schools across the nation in order to provide learning opportunity for those who do not have secondary education qualification.

※ Relevant grounds : Article 10 of 「Degree on Standards for the Establishment of Open Middle School and Open High Schools」

Target

Those who do not complete secondary education
(who do not obtain middle school diploma, who do not obtain high school diploma)

Operation Method

A school that implement digital-based lifelong education

Anyone can easily study through the Internet anytime, anywhere.

A school that recognizes extracurricular learning experiences

Through learning experience recognition system, credits are awarded for your extracurricular learning experiences such as the GED (general equivalency diploma), lifelong learning account system, and various licenses.

Regular middle·high school

The years required for graduation is 3 years, same as regular middle·high schools.

A school you can attend anywhere around the nation

Open Secondary Schools are affiliated with prestigious middle·high schools across the nation, so you can attend one nearby.

A school where anyone can come and learn

Regardless of age and gender, anyone who is a graduate of elementary/middle school or has recognition of equivalent achievement is given an equal opportunity for secondary education.

A school that you go to twice a month

Offline classes occur twice a month (every other weekend), and students take cyber courses through the Internet during the week. Students can study while having a full-time job.

Educational Method

Offline Classes

Students have face-to-face classes with teachers by attending classes twice a week and experience other various school programs including entrance ceremony, graduation ceremony, picnic, field learning, festival, intramural athletics, school trip, school competition, paper, and examination etc.
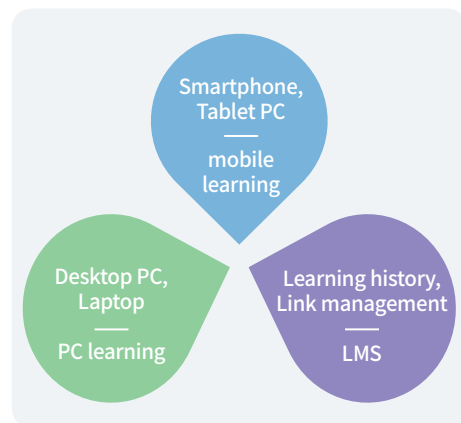
Distance Learning Classes

Smart learning environment is available through various learning media such as PC, and smart phone etc. Students can learn easily and conveniently - anywhere, anytime!
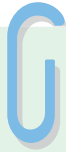
Taking a distance learning classes

Smartphone, Tablet PC

mobile learning

Desktop PC, Laptop

PC learning

Learning history, Link management

LMS

Smart learning environment

## For students without regular secondary school diploma
Open Middle · High Schools

Customized Education Programs

▶ Learning Support Programs for Open Middle · High Schools

- Support students as they complete formal education in English and Math
- Provide online tutoring services
- Conduct assessment of basic academic skills
- Provide contents tailored to individual levels and real-time video lectures
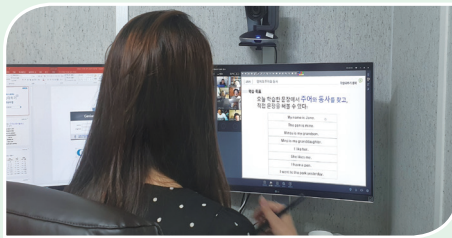
▶ Visiting ICT classes at Open Middle Schools

- Provide Information Technology education to new students at Open Middle School
- Offer on-site consulting services delivered by professional instructors
- Provide basic computer skills training
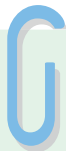
▶ Self-Understanding Programs for Open Middle Schools

- Help students adapt to school life
- Conduct a students survey
- Provide professional instructors' explanatory lectures on results
- Offer student-led activity programs

▶ Character & Career Development Curriculum for Open High Schools

- Run counseling services tailored to each student's needs
  (Naraejabi : My Future Guidance)
- Conduct personality & career online tests for students
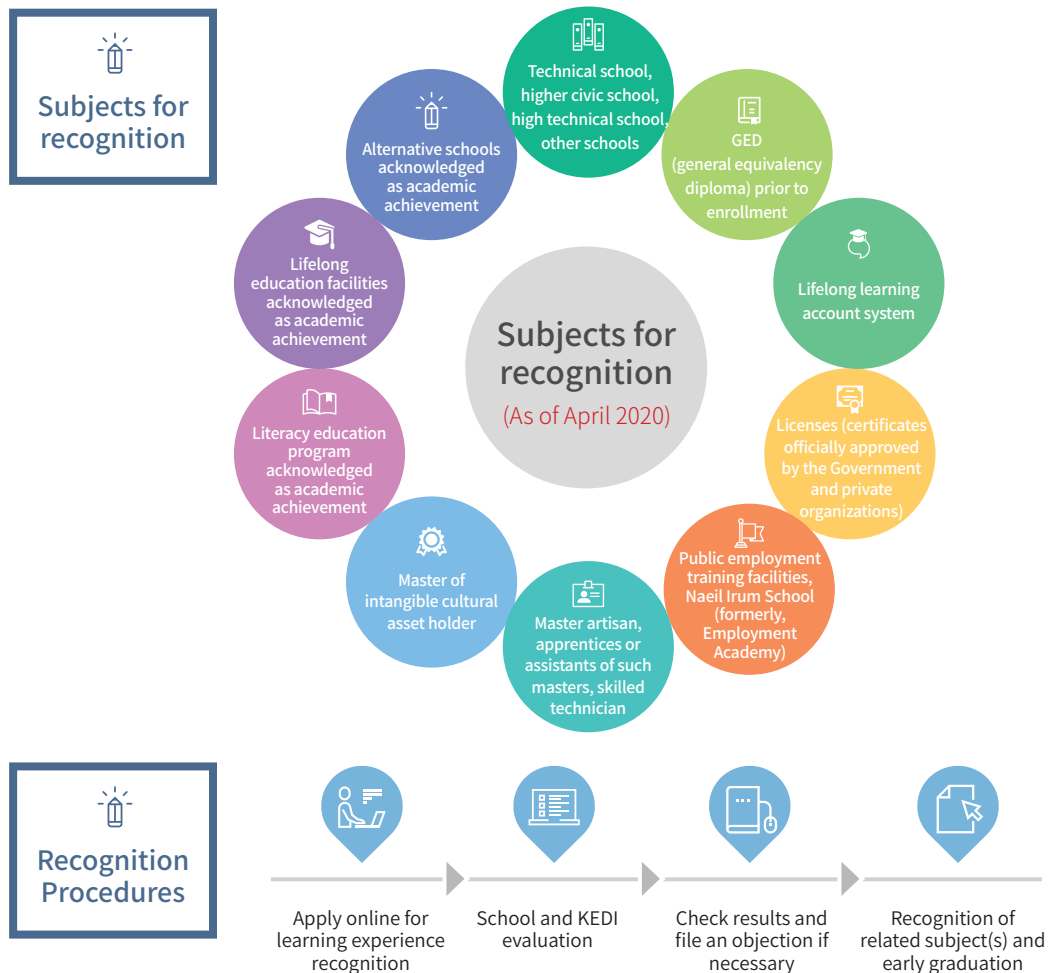- Provide learning materials for character & career education

Operation System

The Recognition of Prior Learning for Open Middle·High Schools

When students of Open Secondary School have learning experiences outside of school, they can get their experiences evaluated to see if they can get them recognized as the equivalent of a related open secondary school's course.

For subjects recognized and assigned to the 3-year courses, students can get excused from a class or exam. If students earn many credits awarded for extracurricular learning experiences, they can graduate a year earlier at maximum.

※ Relevant grounds : Article 3-2 of 「Degree on Standards for the Establishment of Open Middle School and Open High Schools」 (Presidential Decree No. 24423)

Subjects for recognition

Subjects for recognition
(As of April 2020)

- Technical school, higher civic school, high technical school, other schools
- GED (general equivalency diploma) prior to enrollment
- Lifelong learning account system
- Licenses (certificates officially approved by the Government and private organizations)
- Public employment training facilities, Naeil Irum School (formerly, Employment Academy)
- Master artisan, apprentices or assistants of such masters, skilled technician
- Master of intangible cultural asset holder
- Literacy education program acknowledged as academic achievement
- Lifelong education facilities acknowledged as academic achievement
- Alternative schools acknowledged as academic achievement

Recognition Procedures

Apply online for learning experience recognition → School and KEDI evaluation → Check results and file an objection if necessary → Recognition of related subject(s) and early graduation

For enrolled students of school age
Online Classes

Middle School ms.onlineschool.kr
High School hs.onlineschool.kr

Online class, or distance learning system is designed to fulfil the right to learn and the right to choose subjects by providing online class which is demanding to be provided or completed in offline class for students who are transferred.
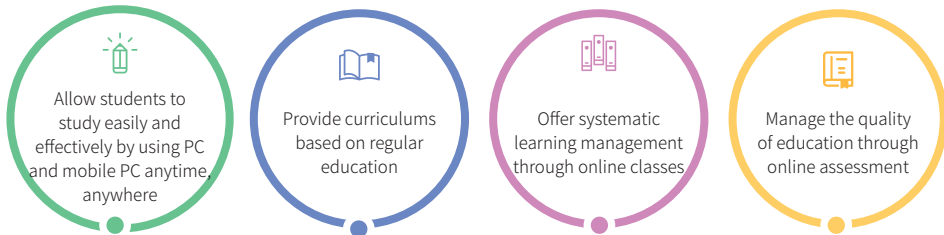
※ Relevant grounds : Article 24 and Enforcement Ordinance No. 48 of 「Elementary and Secondary Education act」

Target

Middle and high school students who are transferred and required to complete some elective subjects

Features

Allow students to study easily and effectively by using PC and mobile PC anytime, anywhere	Provide curriculums based on regular education	Offer systematic learning management through online classes	Manage the quality of education through online assessment

Details of Online Class

Utilize curriculums based on regular middle·high school educational curriculums (utilize online lectures of Open Middle·High School)
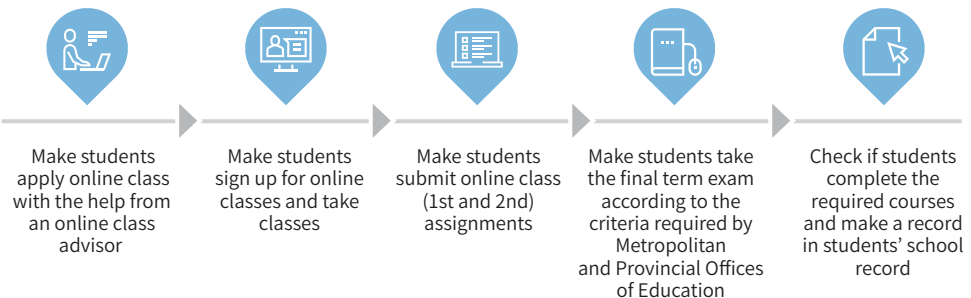
Operation subject

※ As of the first semester of 2020
※ A student is allowed to apply up to 2 online classes every semester.

34 curricula for middle school

53 curricula for high school

Curricula revised in 2015

※ Curricula revised in 2009 : 2 curricula for middle school(History A, B), 1 curricula for high school(Korean History)
※ Schedule: From April to July during the 1st semester / From September to December during the 2nd semester

Procedures

Make students apply online class with the help from an online class advisor	Make students sign up for online classes and take classes	Make students submit online class (1st and 2nd) assignments	Make students take the final term exam according to the criteria required by Metropolitan and Provincial Offices of Education	Check if students complete the required courses and make a record in students' school record

For enrolled students of school age
e-School for student-athletes

Middle School ms.e-school.or.kr
High School hs.e-school.or.kr

e-School is designed for student-athletes who are missing classes due to athletic competition and practice sessions.
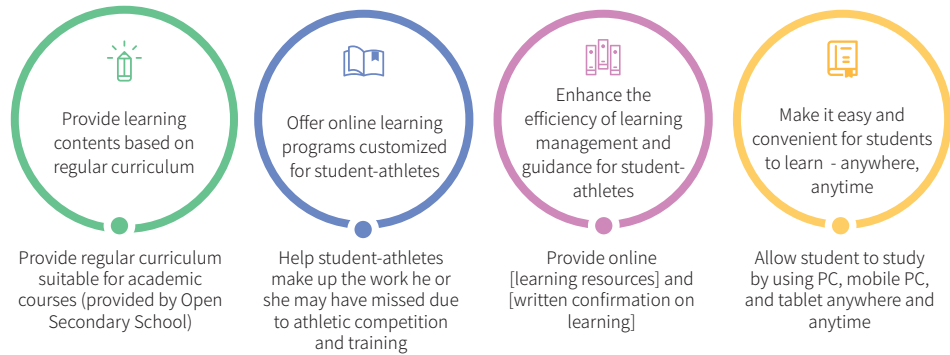
※ Relevant grounds : Article 6 and Article 11 of 「School Sports Improvement Acts」

Target

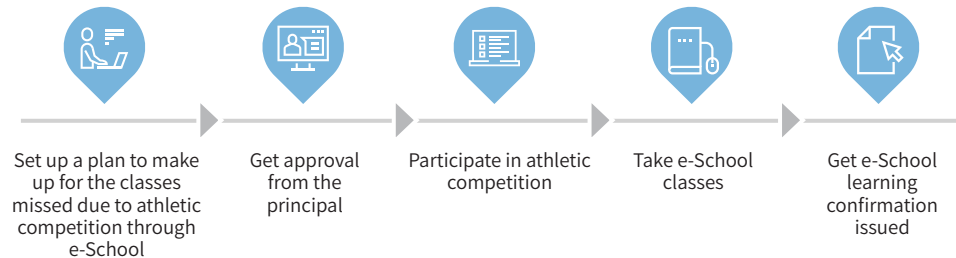Middle · High Schools in which student-athletes are enrolled

Features

Provide learning contents based on regular curriculum

Provide regular curriculum suitable for academic courses (provided by Open Secondary School)

Offer online learning programs customized for student-athletes

Help student-athletes make up the work he or she may have missed due to athletic competition and training

Enhance the efficiency of learning management and guidance for student-athletes

Provide online [learning resources] and [written confirmation on learning]

Make it easy and convenient for students to learn - anywhere, anytime

Allow student to study by using PC, mobile PC, and tablet anywhere and anytime

Details of e-School

	Regular Curriculum	Run-up Curriculum
Details	Help student-athletes make up the class missed due to athletic competition and training, Provide programs for supporting learning on a regular basis	Programs are given during winter vacation to ensure basic academic capability of student-athletes who are academically incompetent
Target	Middle · High Schools in which student-athletes are enrolled	student-athletes in middle school who score less than 40% of the average score, student-athletes in high school who score less than 50% of the average score
Subjects	Make autonomous decision about which regular curriculum is provided by Open Secondary School	Middle school(5subjects) : Korean,English,Math,Social Studies,Science High School(3subjects) : Korean,English,Social Studies (Classes are subject to change.)
Schedule	the 1st semester : Mar13,2020~Aug21,2020 the 2nd semester : Sep1,2020~Jan29, 2021	Run-up Summer : Jul13,2020~Sep25,2020 Run-up Winter : Dec14,2020~Feb19, 2021

Procedures

Set up a plan to make up for the classes missed due to athletic competition through e-School → Get approval from the principal → Participate in athletic competition → Take e-School classes → Get e-School learning confirmation issued

Introduction of Support Projects

For enrolled students of school age
School For You

Elementary School es.s4u.kr
Middle School ms.s4u.kr
High School hs.s4u.kr

School For You refers to an online learning system which is designed to help students with health impairment who have difficulties in attending schools, allowing them to pursue their educational experience

※ Relevant grounds : Article 3 and Enforcement Ordinance No. 10 of 「The Act on Special Education for Disabled Persons」 and Enforcement Ordinance No. 48-1 of 「Elementary and Secondary Education act」

Target

An Elementary·Middle·High school students who are identified as having health impairments by Metropolitan and Provincial Offices of Education or who are found eligible for School For You because of long-term medical treatment

Features
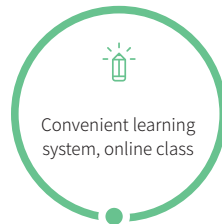
Convenient learning system, online class
- Students can begin right away when they sign up for membership
- Allow students to access schoolwork 24/7 from anywhere
- Provide a customized class allowing students to choose subjects and chapters
- Offer various subjects for each student

Real-time video-conference class together with peers
- Provide real-time classes for major subjects
- Meet teachers and classmates through a video class system

Easy attendance management
- Students and teachers can check attendance status easily
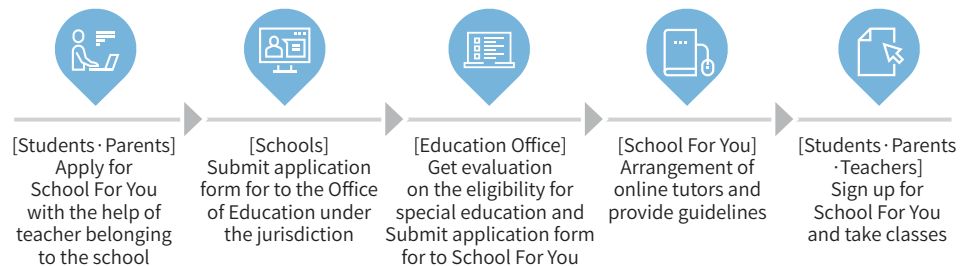
Learning management and support from online tutors
- Assign a personal online tutor for each student
- Provide learning management and counseling service on a periodic basis
- Face-to-face, offline conversation
- Q&A session via homepage and video call

Details of School for you

	Online class	Video-conference class
Elementary school course	Utilizing contents produced by the teacher in charge -1st~2nd grade : Korean, Math, Subject-centered class - 3rd~6th grade : Korean, Social, Math, Science, Subject-centered class ※ Created in March 2020	Real-time video classes based on regular educational curriculums -1st~2nd grade : Korean, Math, Integrated subjects - 3rd~6th grade : Korean, Social, Math, Science
Middle school course	Utilizing contents based on regular middle·high school educational curriculums -Curricula revised in 2015: 20 curricula for middle school, 53 curricula for high school	Real-time video classes based on regular educational curriculums - Korean, Math, English, Social, Science

Procedures

[Students·Parents] Apply for School For You with the help of teacher belonging to the school

➤ [Schools] Submit application form for to the Office of Education under the jurisdiction

➤ [Education Office] Get evaluation on the eligibility for special education and Submit application form for to School For You

➤ [School For You] Arrangement of online tutors and provide guidelines

➤ [Students·Parents·Teachers] Sign up for School For You and take classes

Online Common Education Course

classon.kr

A number of schools sign up to participate in online course-sharing consortium, or Online Common Education Course. The goal is to provide real-time/interactive online class registered by a small number of students or faced with challenges in supply of teachers.

※Relevant grounds : Article 24 and Enforcement Ordinance No. 48 of 「Elementary and Secondary Education act」

Target

High school students who want to take class which is not opened

Features

Overcome Limitation of Offline Common Education Course

· Video-centered and one-way class → real-time/interactive class → a wide range of classes including reverse class, blended learning, and discussion etc.
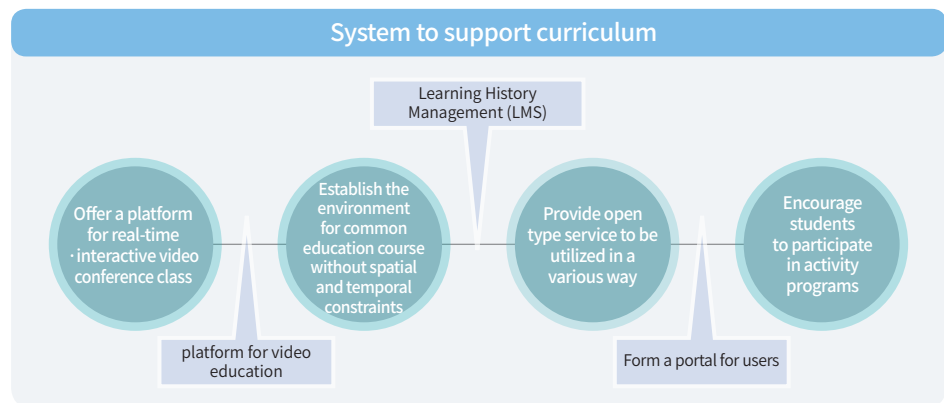
Overcome Limitation of Non-real Time Online Class

· Remove spatial and temporal constraints by using IT technology → Provide a wider range of academic options, a wealth of learning opportunities which will fit students' skill, interest, and career path
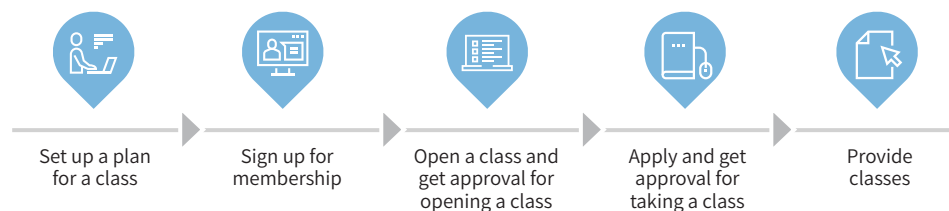
Details

Provide a wealth of learning opportunities with students

Offer real-time/interactive, student-centered and intensive courses with a small number of students such as discussion, project activities etc.

Operation System

System to support curriculum

Learning History Management (LMS)

Offer a platform for real-time · interactive video conference class

Establish the environment for common education course without spatial and temporal constraints

Provide open type service to be utilized in a various way

Encourage students to participate in activity programs

platform for video education

Form a portal for users

Procedures

Set up a plan for a class → Sign up for membership → Open a class and get approval for opening a class → Apply and get approval for taking a class → Provide classes

For the unschooled and school dropouts

Learning Support for unschooling·dropout Students in the compulsory Education Phase

www.educerti.or.kr

Learning Support for unschooling·dropout Students in the compulsory Education Phase is aimed to provide various learning support programs and award credits for extracurricular experience for the unschooled or school dropouts who are subject to compulsory education but have difficulties in getting back to schools, thus enabling students to pursue their study and get recognition of academic achievement.

※ Relevant grounds : Article 29, 96, 97 and 98-2 of Enforcement Ordinance of 「Elementary and Secondary Education act」

Target

Those who do not advance to elementary and middle schools aged under 24 years old

Features

Learning support Program

Learning support program which covers various curricula such as educational and supportive curriculum for character building·career path

Online curriculums

Provide curriculum which is developed based on online lectures of Open Middle School

Extra-curricular learning experience

Award credits and acknowledge learning experiences such as the GED (general equivalency diploma), various licenses, and diploma from alternative schools as academic achievement

Recognition of Academic Achievement

Students can gain recognition for their elementary and middle school diploma through educational credential assessment with licenses, learning experience for regular curriculum, and completion of learning support programs.
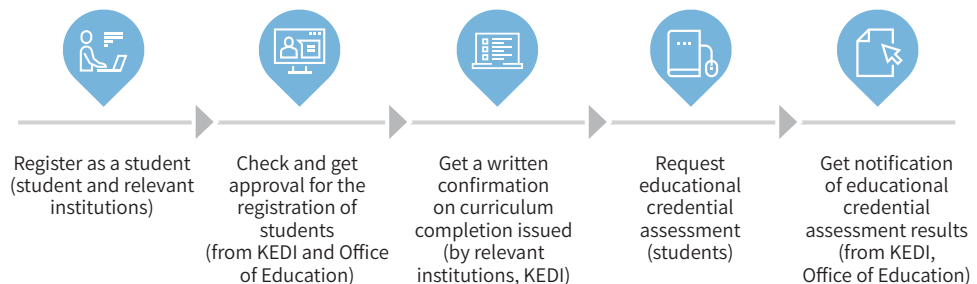
Qualification for recognition

※ Refer to the Homepage for the detailed hours of classes by subject

Minimum period for learning	more than 4 years for elementary school students, more than 2 years for middle school students
Minimum age	After Mar. 1st of the year when students in Elementary School are 13 years old, and Middle School students are 16 years old.
Hours of classes	more than 4,692 hours for elementary school students, more than 2,652 hours for middle school students

Procedures

Register as a student (student and relevant institutions) → Check and get approval for the registration of students (from KEDI and Office of Education) → Get a written confirmation on curriculum completion issued (by relevant institutions, KEDI) → Request educational credential assessment (students) → Get notification of educational credential assessment results (from KEDI, Office of Education)

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The Digital Education Research Center is committed to being at the forefront of education for all by forming a customized and open learning system with the convergence of education and intelligence information technology in order to provide additional learning opportunities and to fulfill the right to education.

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