Courses for Invention Leaders

- **Educators and Invention Promotion**
  - Target: elementary, middle, and high school teachers who have experience in invention or who are interested in learning about it. The course focuses on techniques for developing invention education programs, as well as on the promotion of invention.
  - Duration and class size: a three-day course held six times a year for 30 participants per course.

- **Pedagogical Practice for School Invention Programs**
  - Target: elementary, middle, and high school teachers who have experience in invention or who are interested in learning about it. The course focuses on techniques for developing invention education programs, as well as on the promotion of invention.
  - Duration and class size: a five-day course held once a year for 30 participants.

- **Training for Teachers of Children Gifted in Invention**
  - Target: elementary, middle, and high school teachers who have completed on-the-job training in invention. The course focuses on techniques for developing invention education programs, as well as on the promotion of invention.
  - Duration and class size: a three-day course held six times a year for all participants.

- **Invention Inquiry Course**
  - Target: high school students who have completed on-the-job training in invention. The course focuses on techniques for developing invention education programs, as well as on the promotion of invention.
  - Duration and class size: a three-day course held four times a year for 30 participants per course.

- **On-site Invention Course**
  - Target: school principals, senior supervisors of the Office of Education, and so on. The course focuses on techniques for developing invention education programs, as well as on the promotion of invention.
  - Duration and class size: a three-day course held six times a year for all participants.

Courses for Student Invention

- **Junior Invention Leaders**
  - Target: elementary, middle, and high school students recommended by their school.
  - Duration and class size: a three-day course held five times a year for 30 participants per course.

- **Junior Invention Makers**
  - Target: elementary, middle, and high school students recommended by their school.
  - Duration and class size: a three-day course held four times a year for 30 participants per course.

- **Creative Problem Solving**
  - Target: elementary, middle, and high school students who have completed on-the-job training in invention. The course focuses on techniques for developing invention education programs, as well as on the promotion of invention.
  - Duration and class size: a one-day course held once a year for 30 participants.

- **Patent Descriptions**
  - Target: elementary, middle, and high school students who have completed on-the-job training in invention. The course focuses on techniques for developing invention education programs, as well as on the promotion of invention.
  - Duration and class size: a one-day course held once a year for 30 participants.

Invention Experience Festival

Participants will experience a wide range of invention activities and are encouraged to think about what they would like to invent. The festival is open to the general public from anywhere in the country.

Duration and class size: a one-day course held once a year.

Invention Events

- **Invention Camp for Students and Parents**
  - Target: students from remote rural areas
  - Duration and class size: a three-day event held once a year during the summer vacation.
Invention Education Center

The Invention Education Center was established in December 2005 with the goal of fostering creative and inventive individuals who will lead the knowledge-based society of the twenty-first century. In cooperation with municipal and provincial education agencies, the Invention Education Center nominates gifted students and teachers who excel in the field of invention and provides them with professional and systematic invention education. The nominees are from elementary, middle and high schools, especially from school invention clubs and invention classes, all over the country. In addition, the Invention Education Center earnestly endeavors to offer comprehensive support for invention education by developing and disseminating a variety of invention education programs and materials.

Web site of the Invention Education Center
http://iec.kipo.go.kr

The Web site of the Invention Education Center provides useful information for invention teachers and students who are interested in invention.

Guide to invention courses

- Interesting invention stories
- Step-by-step understanding of the nature of invention
- Games for improving creativity
- Cyber Pavilion of Invention Experience
- Let’s join the invention event
- Online invention education
- News on national invention and science contests

Guide to invention courses

1. Rain-drop musical instrument
2. Tangram
3. Funny inventions
4. Inventor’s tool
5. Experiencing a crane
6. Three-dimensional screen
7. Introduction to biotechnology
8. Segway personal transporter (PT)
9. Sketch of an idea for an invention
10. Stop motion animation
11. A student’s invention
12. A invention laboratory
13. Royalties for a patent
14. Mini theater

Other institutes and museums in Taeak Science Town

- Korea Aerospace Research Institute
- Electronics and Telecommunications Research Institute
- KAIST
- National Science Museum
- Geological Museum
- Currency Museum
- Daejeon Institute of Education Science

Invention Experience Pavilion

The Invention Experience Pavilion where students can familiarize themselves with various inventions. With 30 different tools, the pavilion gives participants an invention experience and helps them feel what it’s like to be an inventor.

First room
Inventions and Creative Activities
Display items: a reversely running hourglass, a raindrop musical instrument, a jigsaw puzzle, and so on.

Second room
Inventions in Daily Life
Display items: a three-dimensional screen, a snake board, Tangram, a snake board, a part of an idea for an invention, and so on.

Third room
Inventions and Patents
Display items: Explanatory boards on themes such as “We conquer the world with inventions and patents,” and ‘How to apply for a patent’.