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Meet the Future Classroom Powered by Education Innovation

-2024 Korea Educational Innovation Expo and Neulbom School·Education Donation Fair-
Major policies and examples of educational innovation are showcased, such as AI digital textbooks and the Neulbom School initiative, as well as other experiential programs

The Ministry of Education (led by Deputy Prime Minister and Minister Lee Ju-Ho), Korea Educational Broadcasting Corporation (led by CEO Kim Yoo-yeol), and the Korea Foundation for Science and Creativity (led by Jung Woo-sung) will convene the "Korea Education Innovation Expo 2024" and the "2024 Neulbom School and Education Donation Fair" concurrently from December 13 to December 15, at KINTEX Exhibition Center 2 in Goyang City, Gyeonggi-do.

※ [Korea Education Innovation Expo] Hall 10, Exhibition Center 2 (<https://교육혁신.kr>)

[Neulbom School & Education Donation Fair] Halls 2, 9, and 10, Exhibition Center 2 (<https://teachforkorea.go.kr/event/2024/list.do>)

The events aim to showcase the major achievements of the Ministry of Education's education reform efforts and provide visitors with a firsthand experience of innovative future education practices. In particular, visitors can explore future classrooms through which they can see AI digital textbooks being utilized in various class settings equipped with cutting-edge digital technology, and experience interactive learning by participating in hands-on activities replicating the Neulbom School model and learn about various educational donation programs.

The event will kick off with an opening ceremony featuring an opening

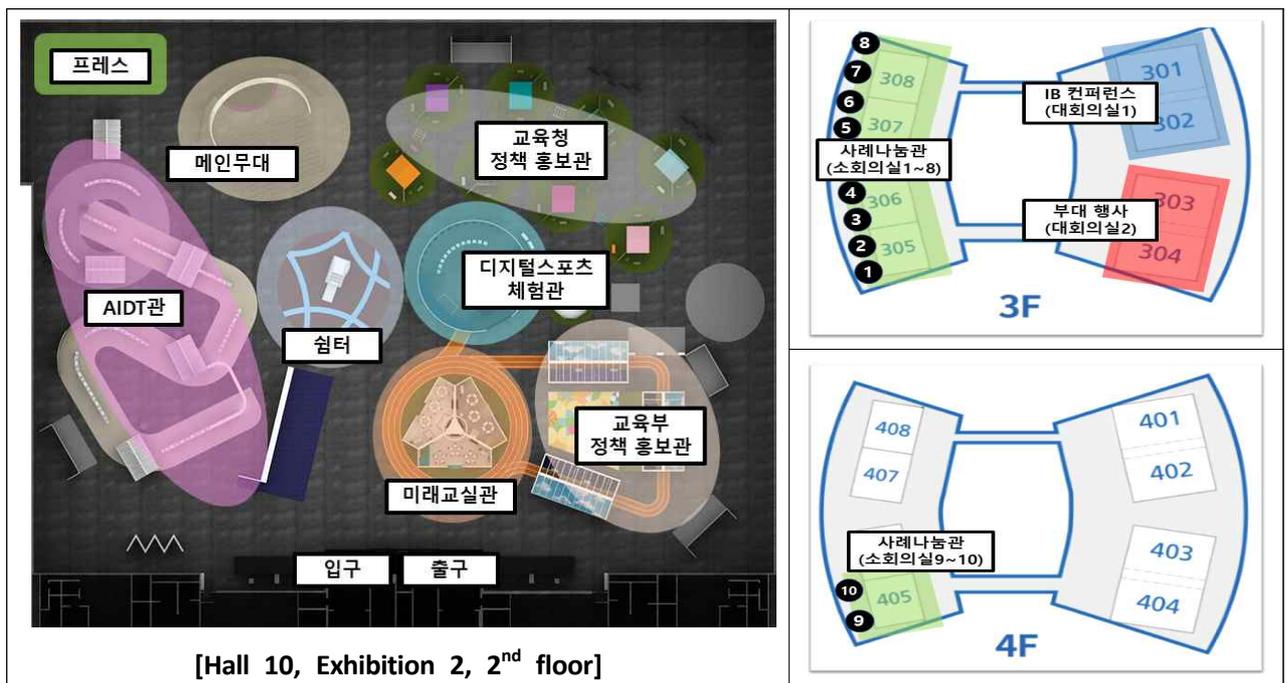
performance incorporating AI technology, and a pledge ceremony dedicated to educational innovation, as well as students' stage performances.

The event will also recognize outstanding achievements with awards for winners of the "Best Practice of Neulbom School" (35 winners), "Education Donation" awards (26 winners), and "Teacher of the Year" awards (98 winners).

[Korea Education Innovation Expo 2024]

The 2024 Korea Education Innovation Expo will be held for the first time this year, themed "Drawing the Future, Renewing Education." At the expo, visitors can explore various educational innovation policies and best practices for future education through the "AI Digital Textbook Pavillion (AIDT Pavillion)", "Future Classroom Pavillion", "Policy Promotion Pavillion", and "Best Practice Sharing Pavillion".

[2024 Korea Education Innovation Expo Layout]



① **First encounter with AI digital textbooks (AIDT): AIDT Pavillion**

The "AIDT Pavillion" showcases 76 AI digital textbooks for English, math, and coding subjects for 3-4th grade elementary school, 1st grade middle school grade 1, and 1st grade high school, which will be implemented starting next year, for visitors to experience these textbooks firsthand. Additionally, AIDT developers will be on-site to guide visitors through the main features of the textbooks, addressing questions from teachers and parents about AIDT.

It has been reported that leading teachers who have already experienced AIDT recognize their potential in realizing personalized education for students and supporting teachers' instruction.* This expo is anticipated to further enhance teachers' and parents' understanding and expectations for the future of education.

*According to a survey (December 3-10, 2024) of 832 leading teachers involved in lesson design using AIDTs, they have a positive perception of AIDTs (rated 4.04 out of 5).

② **Future classrooms with cutting-edge digital technology: Future Classroom Pavillion**

The "Future Classroom Pavillion" utilizes cutting-edge digital technology, such as three-dimensional virtual image artificial intelligence to diagnose students' emotions and help them solve problems through one-on-one conversations with AI robots. Additionally, classes in K-dance, taekwondo, and other arts utilizing AI technology will be showcased.

For the first time, teachers and students will demonstrate teaching and learning using AIDT. Visitors can observe these classes and see how customized lessons are realized through AIDT.

※ A total of 43 Future Classroom sessions will be showcased, with 19 sessions (8 elementary and 11 secondary) specifically featuring lessons utilizing AIDT.

③ **Wide-ranging educational innovations promoted by the Ministry of**

Education: Policy Promotion Pavillion

At the "Policy Promotion Pavillion," visitors can gain a comprehensive overview of the major policies and achievements of the Ministry of Education for educational innovation. Visitors will be able to easily understand various education policies through explanations from policy officials and participate in various experiential events such as college admissions counseling, psychological tests, and future job simulations.

④ Sharing classroom innovation practices: Best Practice Sharing Pavillion and the Main Stage

The "Best Practice Sharing Pavillion" offers a variety of programs to share best practices in classroom innovation and enhance teachers' professionalism. These include "Wake Up the Classroom! A Glimpse at Televised Classrooms," "Best Practices in the International Baccalaureate (IB)* Program," "Understanding Socio-emotional Education," and 78 other sessions.

Additionally, various parallel events will be held on, including the International Baccalaureate (IB) Conference, the Career-Linked Education Progress Report Meeting, and the AIDT Forum.

*Internationally accredited programs that foster students' self-directed learning and future competencies through discussion and debate classes, written and essay-based assessments, etc.

The Main Stage will host special lectures by renowned Korean and international scholars, including Professors Howard Gardner (Harvard University), Jongho Shin (Seoul National University), and Jongmi Choi (Ajou University), on the topic of "Future Education and Educational Innovation." A "Q&A with the Author (Actor Cha In-pyo)" session will also be held to facilitate interaction between the author and the audience through Q and A. Furthermore, wide-ranging side events, such as cultural performances by teachers, students, and parents, will also be organized.

*Examples:

[Ministry of Food and Drug Safety] "Healthy Food Expedition (madeleine baking)"

[Gyeongbuk Provincial Office of Education] "Let's Go to K (Gyeongbuk-style)-Nulbom Land!"

[Korea Arts & Culture, Education Service] "ArtE Neulbom School, Connecting Children's Daily Life and Art"

[Samsung Innovation Museum] "Exploring the Curiosities of the Electronics Industry (making electronic kits)"

② **Experiencing the real Neulbom School: Neulbom School Experience Classroom and Neulbom Theme Park**

The "Neulbom School Experience Classroom" is designed to replicate an actual school classroom, offering both educational and care services. Visitors can experience excellent programs* offered by universities and observe students freely engaging in activities such as resting, reading, and playing in the classroom.

*Examples of programs:

[December 13] Hoseo University's cheerleading

[December 14] Ewha Womans University's musical performance & wood making

[December 15] Seoul National University of Education's self-driving activity

Additionally, the "Neulbom Theme Park," an indoor playground, allows visitors to take part in various sports such as basketball, tee ball, bowling, Lego racing, and traditional games in one convenient location.

③ **Introducing the Neulbom School and educational donation policies: Policy Promotion Pavillion**

The "Policy Promotion Pavilion" showcases the significant achievements* made during the first year of the Neulbom School, highlights unique cases from each school district and programs implemented in collaboration with government ministries, and shares efforts to revitalize educational donations by sharing examples of donations from various donors.

*Student satisfaction rate: 87.4%

Parent satisfaction rate: 85.7%

Participation rate: 92.7% (second semester of 2024, Korea Education Development Institute)

④ Lectures, student performances, events, and more: Main Stage

The "Main Stage" will feature lectures for parents, including special lectures on child education and career talks ("talk concerts"). Additionally, there will be science musicals, student performances (orchestras, cheerleading, singing and dancing), treasure hunts with prizes, quiz contests, and other events for all visitors to enjoy.

"Through this fair, we hope that many people will see the schools and classrooms that will be transformed in the future, share their thoughts on the direction of future education, and show a lot of interest in the Ministry of Education's various education reform policies," said Lee Ju-Ho, Deputy Prime Minister and Minister of Education. "Especially next year, as AI digital textbooks will be introduced in schools nationwide and the Neulbom School will be expanded to the second graders, we will more actively work with provincial offices of education to ensure the successful implementation of education reform."

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