

High Touch High Tech for All

# **A Brief Introduction of Education Commission Asia (ECA) and the “HTHT for All” Global Initiative**

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# HTHT Projects of Education Commission Asia (ECA)

# I. Domestic HTHT Projects

## 1-1 HTHT University Consortium

- Provides support to Korean higher education institutions incorporating the HTHT approach in their curricula:
  - Offers workshops and seminars for faculty members
  - Develops and distributes manuals to facilitate the incorporation of the HTHT approach
  - Hosts forums to promote cooperation among participating institutions
- As of November 2020, the Consortium has 16 member institutions, with 14 more in progress to join.

### Universities



### Colleges









### Graduate Schools



## I. Domestic HTHT Projects

### 1-1 HTHT University Consortium: Courseware in use

 <b>ALEKS®</b>	Statistics, Chemistry
 <b>CENGAGE</b>	Economics, Business
 <b>Pearson</b>	Biology, Economics, Physics
<b>WILEY</b>	Computer Science, Engineering Mathematics
 <b>천재교육</b>	Mathematics (in Korean)
 <b>EDU</b>	English (in Korean)
 <b>i-Scream edu</b>	Mathematics (in Korean)
<b>Riidi!</b>	English (in Korean)

# I. Domestic HTHT Projects

## 1-2 HTHT for Vulnerable and Disadvantaged Youth

- **Overview of Learning Support:**
  - Personalized, AI-assisted adaptive learning platform
  - 1:1 mentoring and guidance for students' academic and socio-emotional development
  - Major subject areas covered (e.g., Korean, English, and mathematics)
  - Supplemental support provided by volunteers (e.g., college students, retired teachers, instructors versed in private learning platforms)



# I. Domestic HTHT Projects

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## 1-2 HTHT for Vulnerable and Disadvantaged Youth

- **HTHT for North Korean Adolescent Defectors**
  - AI-assisted adaptive learning platform, supplemented by offline learning and mentoring for 70 middle and high school students of the Heavenly Dream School
  - Partners: Korea Peace Foundation, Gyeonggi-do Office of Education, Heavenly Dream School
  - September 2020 - August 2023
- **HTHT for Multicultural Students**
  - AI-assisted adaptive learning platform and mentoring for elementary, middle, and high school students of the Seongnam Multicultural Center
  - Partner: Rainbow Hill Center for Multicultural Children
  - Expected to begin in 2021

# I. Domestic HTHT Projects

## 1-2 HTHT for Vulnerable and Disadvantaged Youth

- **Ongoing HTHT projects for Low-Income Students**
  - Seocho-gu HTHT Project
    - 1:1 AI-assisted adaptive learning and mentoring for 1,000 low-income elementary school students
    - Project Duration: April 2020 - April 2023
  - Daegu Metropolitan Office of Education's Collaborative Research Project
    - 1:1 AI-assisted adaptive learning and mentoring for 1,000 middle school students
    - Impact evaluation of 1,000 7th grade students
    - Project Duration: Sept 2020 - Aug 2021
- **Prospective HTHT projects for Low-Income Students set to begin in 2021**
  - Pyeongtaek-si HTHT Project (in partnership with the Youth Community Center)
  - Pohang-si HTHT Project (in partnership with Handong University)
  - Busan-si Haeundae HTHT Project

# I. Domestic HTHT Projects

## 1-2 Gov't - Academia - Industry - NGO Network





# I. Global HTHT Projects

## 1-3 HTHT Global: Uruguay

- Project motivation:
  - Develop and implement an appropriate HTHT learning model for mathematics and computational thinking
  - Understand the impact of the HTHT approach on teachers' pedagogical skills and students' learning outcomes
- Partners: Inter-American Development Bank, Plan Ceibal, Edtech provider TBD



**“High Touch High Tech (HTHT)  
for All” Global Initiative**

## II. HTHT for All

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### 2-1

### The Challenge

- Even with the initial favorable results of the HTHT approach, its **scalability** holds the keys to its ultimate impact.
- The most apparent and ubiquitous bottleneck in HTHT expansion is the “**digital divide**”: the infrastructural diversity in accessibility to networks and devices—and the accompanying variations in digital literacy.
  - Half of all students worldwide (about 826 million) are unable to access a household computer
  - 43% of the global student population (about 706 million) lack home internet access

Source: <https://teachertaskforce.org/news/covid-19-highlights-digital-divide-distance-learning>

## II. HTHT for All

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### 2-2 The Opportunity

- The “HTHT for All” global initiative strives to address the learning crisis that far predates the pandemic. It is a *call to action* for a collective mobilization of efforts, talents, and funds from all facets of the ecosystem.
- At the same time, it is a *response*—and a *responsibility*—to redress the global community’s inaction, as yet, to produce a concerted plan and way forward that will adequately equip students far beyond the pandemic.

## II. HTHT for All

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### 2-3 The Opportunity

- The *promise* of “HTHT for All” lies in its simultaneously innovative and inclusive approach.
- The *opportunity* of “HTHT for All” depends on the realization that the learning crisis is not simply an educational issue and that a multi-sectoral collaborative effort is imperative in overcoming it.
- The *success* of “HTHT for All” will impact students beyond the pandemic, and into the era of the Fourth Industrial Revolution.

## II. HTHT for All

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### 2-4 The Way Forward

- Following through from the experience of the Vietnam prototype project as well as ECA's HTHT University Consortium and K-12 HTHT Network, the next step is to establish a HTHT Global Consortium.
- The HTHT Global Consortium will allow for a more effective and efficient means of testing the HTHT learning approach in various contexts and subsequently expanding the evidence base.
- As a multisided platform, the HTHT Global Consortium must be comprised of diverse actors across the ecosystem who can collaborate to address the various existing bottlenecks including the digital divide.

'High Touch High Tech For All'

Thank you