

# Digital Literacy in Seoul

Jan. 11, 2018

Dr. Chi Hyung Lee

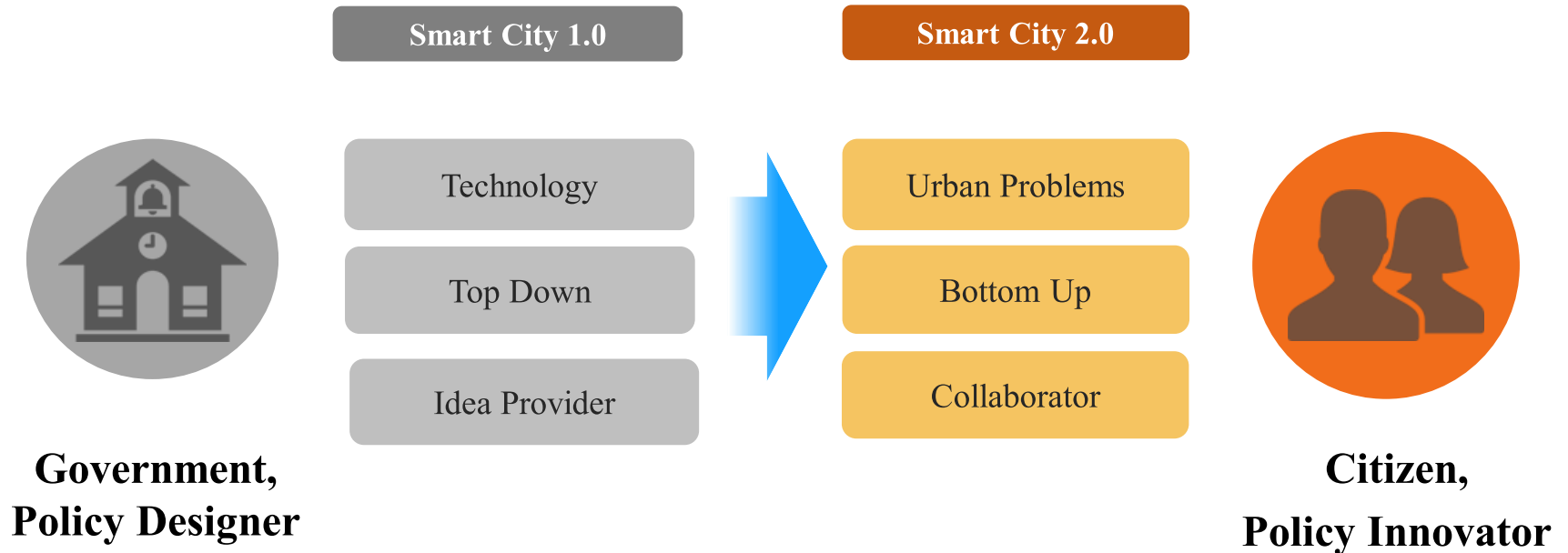
President

Seoul Digital Foundation

# Urban Challenges in Seoul



# Citizen Engagement

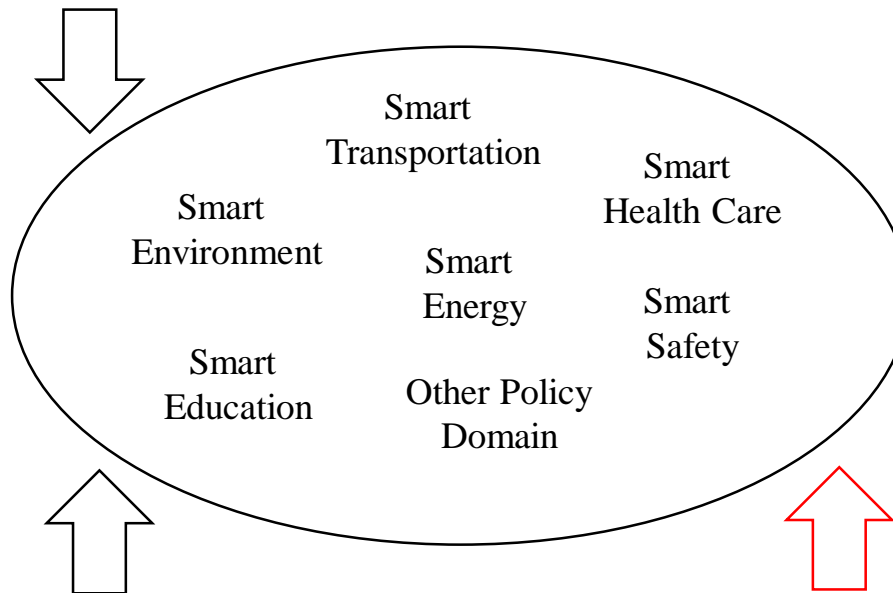


**No single solution**  
**Role of citizen engagement ↑**

# Smart City Initiative

**Technical Factors**

**→ Integration**



**Institutional Factors**



**→ Governance**

**Human Factors**

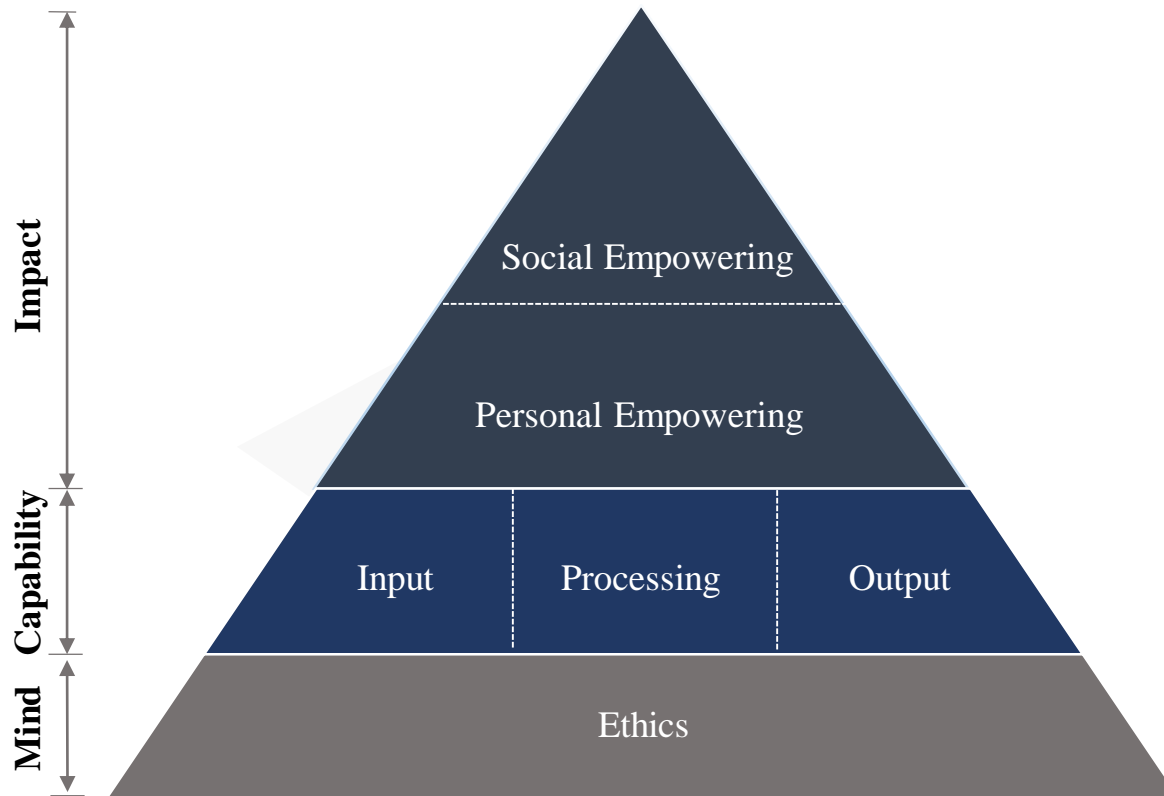
**→ Learning**

Source: Taewoo Nam(2011)

# Seoul Digital 2020

 <p>City official-led 100%    Citizen-led 50% : 50%</p> <p><b>Citizen driven digital governance</b></p>	 <p>Cooperation among private, public, business and academia</p> <p><b>Big Data Campus</b></p>	 <p>330,000    645</p> <p><b>Nurture 330,000 creative manpower and 645 IT companies</b></p>	 <p>Integrated digital economy platform</p> <p><b>Establishment of Seoul Digital Foundation</b></p>
 <p>Realize 97% of the arrival on emergency scenes within 5 mins</p> <p><b>Realize a golden time in disaster response</b></p>	 <p>Bigcare</p> <p><b>One-Stop Integrated welfare service</b></p>	 <p>Wire-wireless communication network, Clouds, Open Data Plaza</p> <p><b>World best digital infra</b></p>	 <p>FREE WIFI ZONE</p> <p><b>Free wifi across all over Seoul</b></p>
 <p><b>Share Seoul's digital policies with the world</b></p>	 <p><b>100 IoT testbed in Seoul</b></p>	 <p><b>Integrated security monitoring system for all SMG organizations</b></p>	 <p><b>Set up CCTV cameras in crime prone areas</b></p>

# Social Empowerment



Source :Google et al. (2017)

**Vision: Innovative changes led by citizen**

**Digital  
Citizenship**

Responsibility, ethic,  
etiquette, empathy, etc.

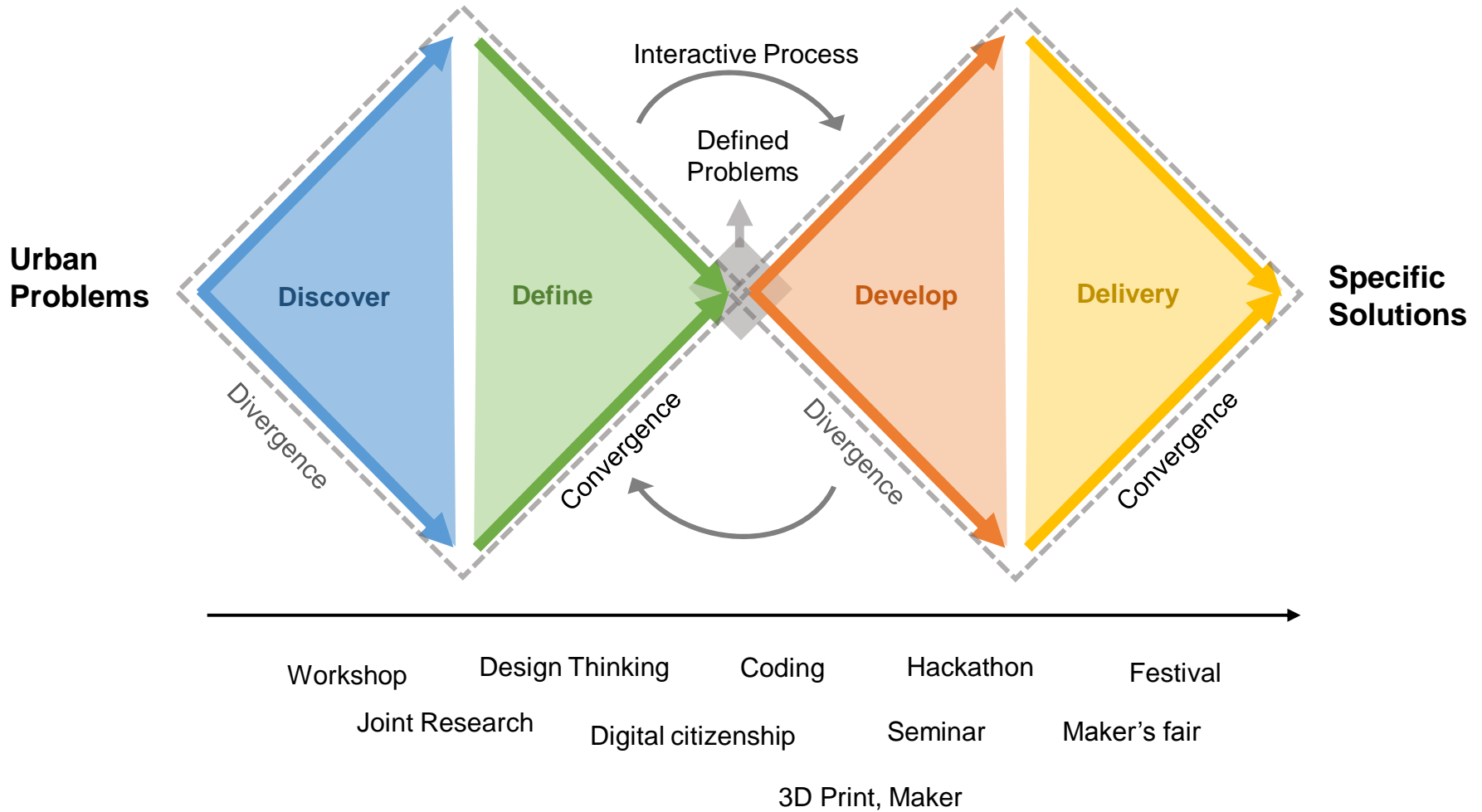
**Technical Skills**

IoT, cloud,  
programming, big  
data, AI, 5G, etc.

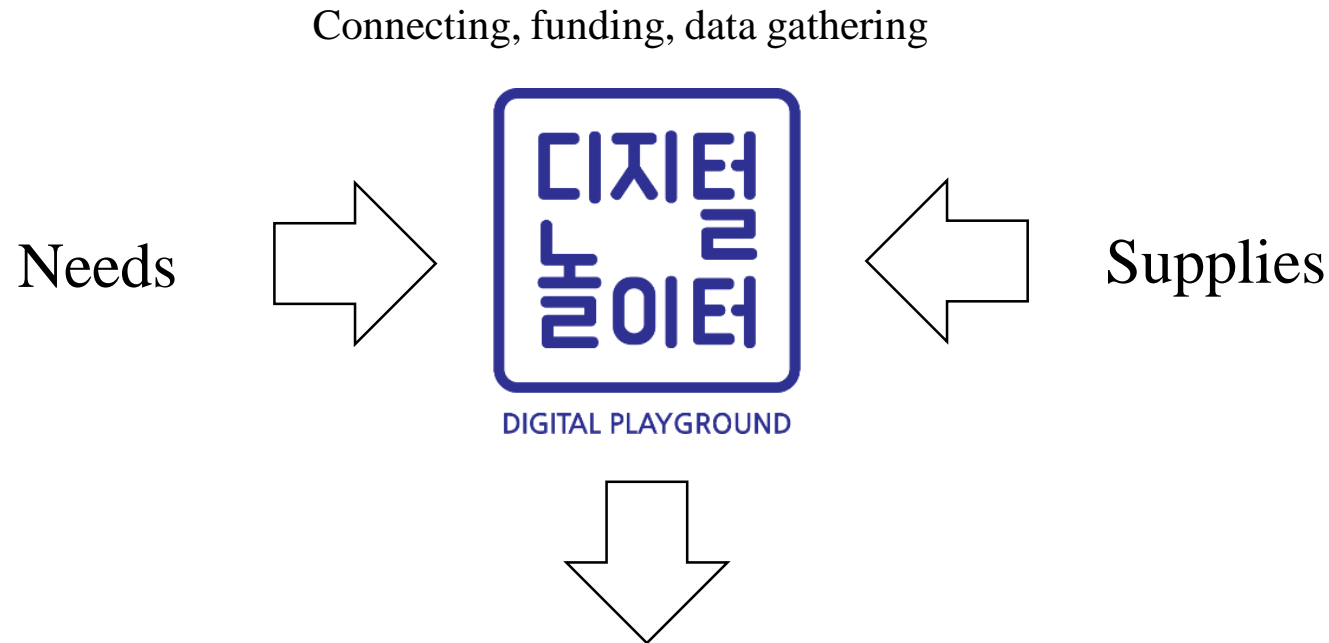
**Problem Solving**

Understanding city  
and urban issues,  
communications,  
creativity,  
collaboration, etc.

# Discovery to Delivery



# Working as Platform



Student, Teacher, Social innovator,  
Parent, government officer, Visitor, etc.

# Partners



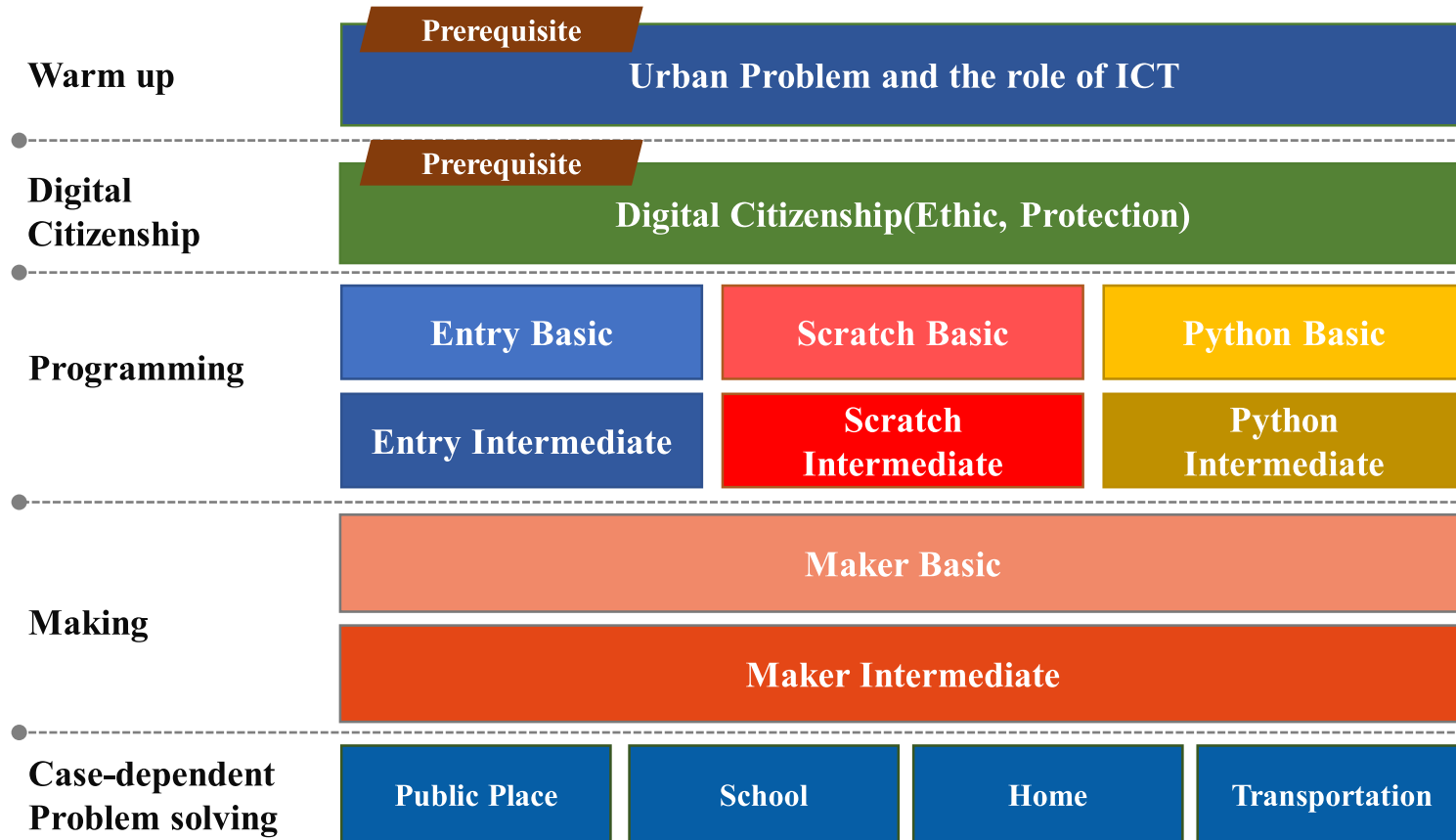
# Variety in Programs

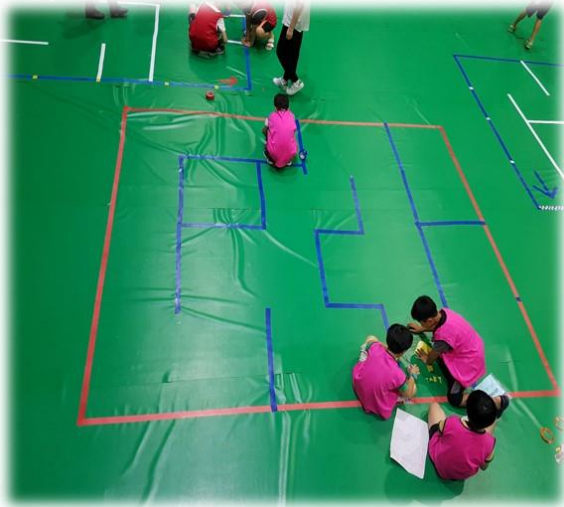


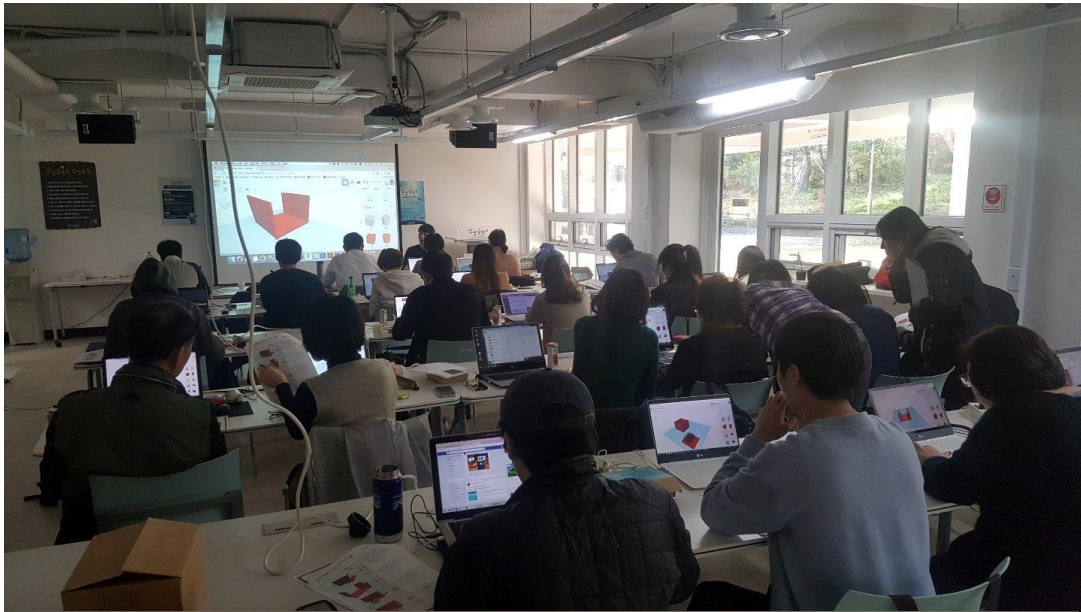
Regular	On-demand	Leadership	Advanced
<ul style="list-style-type: none"><li>• Basic to intermediate</li><li>• Pilot programs</li></ul>	<ul style="list-style-type: none"><li>• On-site</li><li>• Customized programs</li></ul>	<ul style="list-style-type: none"><li>• Junior competition</li><li>• Global exchange</li><li>• Seminars / camps</li></ul>	<ul style="list-style-type: none"><li>• Data engineering, big data analysis, visualization, etc.</li><li>• Civic techs</li></ul>

# Curriculum\*

\* exclusive of expert programs







**2017. 11. 25. (토)**  
**레고EV3로 만드는 SW경진대회**  
**화성 이주 프로젝트**

**대/회/일/정**  
 ▶ 개최일정: 2017. 11. 25. (토) 10:00 ~ 17:00  
 ▶ 개최장소: 개포디지털혁신파크 열림관  
 ▶ 신청기간: 2017. 11. 16 ~ 11. 24

**시/상/내/역**  
 ▶ 최우수상: 1팀 (50만원 상당)  
 ▶ 우수상: 1팀 (25만원 상당)  
 ▶ 장려상: 13팀

**지/원/서/접/수**  
 ▶ 지원자격: 초등4학년~6학년 (2인 또는 4인)  
 ▶ 지원장소: 개포디지털혁신파크 홈페이지 (gdjp.seoul.kr)  
 ▶ 문의전화: 070-8282-0229

**안/내/사/항**  
 ▶ 경진대회는 레고EV3교구를 이용합니다.  
 ▶ 1팀당 4인으로 구성됩니다.  
 ▶ 신청비는 1인당 1만원입니다.  
 (기념품 제공, 중식 및 관식 제공)



Thank You

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