

I4all (Interests for All): A Smart Socio-Technical Infrastructure to Identify, Cultivate, and Sustain Youth STEAM Interests in a Diverse Midsized American City

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Community Partners

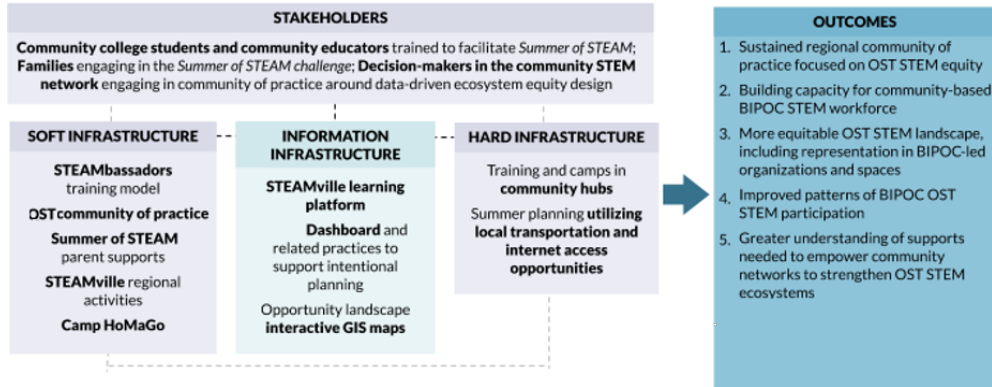
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Project Overview

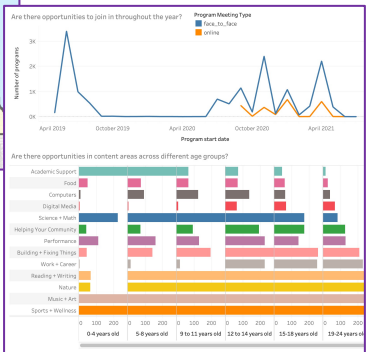
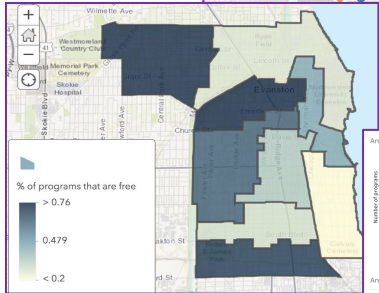
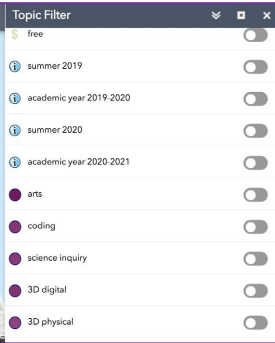
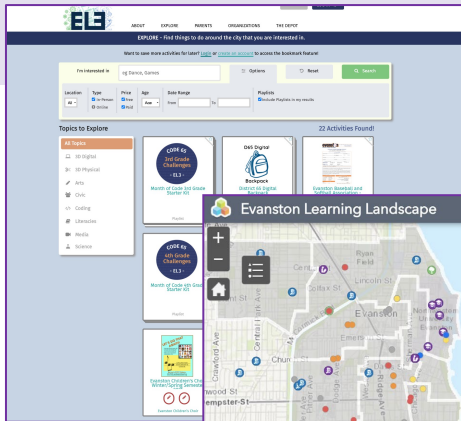
Visual Schematic



Project Vision

- Establish a socio-technical infrastructure that supports frictionless access to and documentation of a community's informal learning and leisure activities.
- Use developing landscape of informal and leisure learning opportunities and shared registration to understand how and where youth engage across the community.

Project Update



1. School District replaced their internal **Digital Backpack** with a customized instance of the L3 Platform
2. Launched **Opportunity Landscape Dashboards** powered by the L3 data warehouse .
3. Collaborated with community partners to use the Dashboards to address the shortage of Black and Hispanic STEAM workforce through the establishment of the STEAMBassador Workforce Initiative.



Evaluating Project Impact on Communities



STEAMbassadors
From Community for Community

The STEAMbassadors mentorship workforce program engages cohorts of college going 18-24 year-olds living in the chicagoland area in discovering, strengthen, and sharing their developing STEAM passions and interests with youth from their communities towards the goal of integrating STEAM into everyday youth creative activity.

It Takes a Village

STEAMbassadors is a workforce initiative supported by a collaborative partnership between Northwestern University and Chicago Community Colleges.

Founding Partners



Launch Partners



Launch Villages



Camp Partners



Funders



Inaugural cohort of **46 mentors** completed training and led **18** 6-week long camps in **20** Park District sites serving over **530** youth plus over **200** virtual camp youth.

Anticipated outcomes & success measures for next year

- Collaborate with Karen Smilowitz (northwestern) to engage each of city's nine wards in a conversation about the city and their ward's hyperlocal opportunity landscape. Analyze and report the findings.
- Launch a national Opportunity Landscape website to support a national conversation on equitizing hyperlocal access to civic-funded learning resources
- Embedded STEAMBassadors across Evanston's core civic-funded and CBOs organizations for the academic year. Complete case studies with youth in this cohort.

Project Evolution

Few Hooks for Collaboration: *The lack of shared boundaries, timelines, and data polices creates real and perceived barriers to collaborative planning across civic-learning institutions.*

Work Must Address Systemic Racism: *We cannot build an equitable learning ecosystem on top of a civic-learning infrastructure designed when black lives mattered least.*

