STEM Community Partnerships Program

Liverpool local scenario

Connected Communities

Liverpool is the regional capital of South West Sydney and is rapidly growing to become one of the biggest cities in Australia. It is one of the most culturally diverse cities in NSW. The 2016 Census identified 51% of Liverpool residents spoke a language other than English at home. It is also home to a large Aboriginal community.

Liverpool City Council needs to continue efforts to create a harmonious society where differences are appreciated and celebrated. There is also a challenge for Council to ensure equity in its services while considering new and innovative ways to disseminate information and engage with a diverse community, and for those members of the community to be aware of local services, events and activities. Council has a strategic plan 'Our Home, Liverpool 2027', which outlines its priorities and vision to improve life in Liverpool and the wellbeing of its residents. The goal is to create a thriving economic and cultural hub of South West Sydney.

Council aims to enhance community engagement within Liverpool with digital technology and placemaking initiatives. These activities include technology provisions for people living with a disability as well as those with English as a second language. Placemaking initiatives in a diverse community are of a greater challenge to Council as different ethnicities interact with urban nature spaces (gardens, parks, etc) differently.

Developing these inclusive initiatives for the residents of Liverpool is an ongoing challenge. How your Council tackles the complexity of this issue impacts you now and in the future.

Community inspiration sought for city laneway redesign, Liverpool Council, October 2020, https://www.liverpool.nsw.gov.au/council/Media/media-releases/ocober-2020/liverpool-future-focussed-projects-receive-award-recognition

Your task

Your task is to use the information above and resources provided below as a start to identify a local problem and design a STEM-focussed solution.

(Question, Design, Explore, Communicate)

Resources

CSIRO research

- Spotlight on the wellbeing of young people from refugee and migrant backgrounds, Data61, November 2017, https://data61.csiro.au/~/media/D61/Files/Bright-Futures-Spotlight-refugee-migrant.pdf?la=en&hash=9C2FD36C6D3AA8D25A7878DE6F9B69FE062857F2

Reports

- Australian Bureau of Statistics 2016 https://quickstats.censusdata.abs.gov.au/census_services/getproduct/census/2016/quickstat/SSC12361
- Our Home Liverpool 2027: COMMUNITY STRATEGIC PLAN 2017-2027 https://www.liverpool.nsw.gov.au/__data/assets/pdf_file/0014/120380/Our-Home-Liverpool-2027-approved-by-Council-26-April-2017.pdf
- Multicultural gardeners and park users benefit from and attach diverse values to urban nature spaces, Urban Forestry and Urban Greening, December 2019, https://www.sciencedirect.com/science/article/pii/S1618866718308173

Articles

- Multicultural boardgames group at library, Liverpool Champion, September 2019, https://www.liverpoolchampion.com.au/story/6400652/multi-cultural-board-games/
- To honour our Cabrogal, Liverpool Champion, July 2018, https://www.liverpoolchampion.com.au/story/5554093/to-honour-our-cabrogal/#slide=0
- New collection makes library 'more accessible and inclusive', Liverpool Champion, October 2019, https://www.liverpoolchampion.com.au/story/6429420/new-collection-makes-library-more-accessible-and-inclusive/
- Community inspiration sought for city laneway redesign, Liverpool Council, October 2020, https://www.liverpool.nsw.gov.au/council/Media/media-releases/ocober-2020/liverpool-future-focussed-projects-receive-award-recognition

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