



THE "LINKVAN" PROJECT: Participatory Technology Design in Vancouver

Smythe, S., Pelan, D., & Breshears, S. (2018). The LinkVan project: Participatory technology design in Vancouver. *Language & Literacy (Kingston, Ont.)*, 20(3), 9-25. doi:10.20360/langandlit29406

WHAT IS "LINKVAN"?

LinkVan is a user-friendly online directory of essential services. "LinkVan" was developed with, and for, the DTES community. "LinkVan" also offers just-in-time digital literacy to help people find resources.

Quick Facts:



Many people in the DTES have no consistent access to digital technology



Unstable housing is related to unreliable Internet access



The rising cost of the Internet excludes many community members from the online world



Digital literacy education should be part of an adult education system

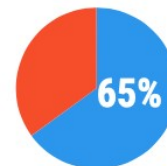
WHY IS DIGITAL INEQUALITY A PROBLEM?



Digital literacy and access to technology are more important than ever, with many essential resources, information, and services now offered completely online. When community members participate in the creation of the technology, these designs are more user friendly. When communities aren't included in decisions about technology, and when they don't have access to technology, this creates **digital inequality**.

58 DTES Community Members were interviewed by LinkVan:

We asked 58 members from the DTES how they use technology, and what kind of technology they have access to.



● Relied on public spaces for Internet access
● Did not rely on public spaces for Internet access

HOW TO REACH DIGITAL EQUALITY:

This paper identifies three solutions on how to reach digital equality

1



INTERNET

Increase access to affordable and reliable internet

2



DESIGN

Include people in decisions about technology

3



EDUCATION

Increase access to digital literacy educational resources

Infographic prepared by Kalyn Gustavson, Sloane Macaskill, Anna Rioux, and Alex Traboulsee in April, 2020

This undergraduate student work is a product of a collaboration between the Making Research Accessible initiative (MRAi), researchers, Dr. Evan Mauro and the students of ASTU 100 at UBC. This student work has been reviewed by the lead author of the original item. Revisions provided by the lead author have been incorporated into the student work with support from the UBC Learning Exchange and members of the MRAi. The reader should bear in mind that this is a student research report and is not an official document of UBC.

