Generation STEM Community Partnerships Program

Campbelltown local scenario

Transport

To be a community that supports the wellbeing of its inhabitants, the Council works with the State and National government bodies to implement and oversee a range of initiatives that lead to the safe and free flowing movement of people.

In the local area this may include provisions for pedestrians, cyclists, drivers, those using public transport and those in disadvantaged groups.

The NSW Government is aiming to provide a 30-minute city by developing rail links with bus connections and providing work opportunities in the area. They are also building a new international, world-class 24 hour airport in Western Sydney which expects 80 million passengers per annum[1].

The most recent Census shows that in Campbelltown 18.4% of the employed population travelled using public transport (16% in NSW) and 70.8% travelled in a car (64.6% NSW).[2]

The most recent Census shows that in Camden 5.7% of the employed population travelled using public transport (16% in NSW) and 78% travelled in a car (64.6% NSW) – the difference being those who worked from home, cycled, walked, other or did not respond to the question.[1]

How your Council tackles the complexity of this issue will impacts you now and future generations.

Photos courtesy of Western Sydney Organisation of Councils, SMH and Macarthur Advertiser

1. *Department of Infrastructure, regional Development and Cities report https://westernsydneyairport.gov.au/files/eis/2015/02-volume-1-executive-summary.pdf*
2. *http://quickstats.censusdata.abs.gov.au/census_services/getproduct/census/2016/quickstat/LGA11500*

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

- Transport logistics https://www.csiro.au/en/research/technology-space/it/transport-logistics-transit

Reports

- Census 2016 travel to work http://quickstats.censusdata.abs.gov.au/census_services/getproduct/census/2016/quickstat/LGA11500
- Australian Government Department of Infrastructure, Regional Development and Cities https://westernsydneyairport.gov.au/
- Australian Government City Deals https://citydeals.infrastructure.gov.au/western-sydney
- Macarthur disability transport options 2015 https://www.campbelltown.nsw.gov.au/files/assets/public/document-resources/communityserviceprograms/older-people-and-seniors/2015macarthurtransportoptionspdf360kb.pdf
- Campbelltown and Camden Council Integrated Transport Strategy 2006 https://www.camden.nsw.gov.au/assets/pdfs/Council/Plans-and-Strategies/Integrated-Transport-Sydney.pdf

Articles

- Council Traffic and transport https://www.camden.nsw.gov.au/resident-information/traffic-and-transport/

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