



Environmental Education

Our environment. We're in it together.



**How is the Auckland region going to manage a doubling in population over the next 50 years?
Can we keep the best of what we have now and improve the things that are not so good?**

Growth - The 50 Year Challenge

- Auckland has **over a million people** - nearly **30% of New Zealand's population** live on **2%** of the land area.
- Auckland could have **2 million people in 50 years** - **40%** of the country's population.
- Expressed a different way, the Auckland region has been growing at **one person every 29 minutes, or 50 people a day.**
- **Births account for 60% of Auckland's growth**, migrants from overseas for **30%** and migrants from other parts of New Zealand for **10%**.

More people and more growth means:

- greater variety of jobs, lifestyles and housing and also opportunities for better public transport and access to home, work and leisure pursuits.

But it also means more pressure on the region:

- water supply, sewage, stormwater and other major infrastructure
- transport systems, in particular roading capacity
- valued environments, open space and heritage sites
- communities, as more people spend longer in their cars getting to and from work; and neighbourhoods are disrupted by traffic



ACTIVITY - Design an ideal city or a community

Your city/community will need:

- Houses/apartments for a population of 50,000 - 100,000
- Open Spaces for recreation activities catering for all ages of the population, **eg** playground, playing sport, dog walking, sitting and enjoying the view!
- Schools/kindergartens (don't forget to make good use of the schools open spaces)
- Transport routes/systems that may include roads, bus-ways, rail, ferry, cycle tracks, walkways.

- Entertainment Centres/Cafes
- Shops/malls
- Office buildings, industrial sites.

Remember in well designed cities:

- people can get around on well connected public transport
- park and ride facilities are provided, **eg** at railway and bus stations
- it is easy to walk or cycle to the nearest public transport
- railway / bus stations have storage for bicycles
- roads have special bus lanes to so that buses don't get caught up in other traffic
- shops, offices, entertainment and public transport are close to each other
- major housing developments are situated near public transport corridors
- employment opportunities are available close to where people live.



CITY ISSUES - a new integrated resource

- Launched soon, this resource is aimed at curriculum level 3-4 (social studies/science). It covers significant environmental issues that the Auckland region is currently facing:
- **Transport** • **Stormwater** • **Air Quality**
- **Open Spaces** • **Cultural Heritage** • **Waste**
- **Natural Heritage and Biodiversity**

The resource (9 books, video and posters), will be available **free of charge** to all Auckland primary and intermediate schools. It will be given out at workshops held around the region beginning in May. Contact for further details:

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