## Teaching notes

### How to use this resource

In ‘Improving Liveability’ students are required to develop a plan for future projects to improve their local community and improve liveability, based on genuine geographical data. This project is assuming that students have already studied the content and skills related to the Stage 4 Topic Place and Liveability from the K-10 geography syllabus. The data gathering activity prompts students to think about the future needs of their community and the major project of a presentation asks them to pull their learning together to create a presentation on a possible improvement to their community.

### Explore

In this section there are a number of internet links to web pages and news articles looking at how architects and city planners are thinking about and planning for the future of cities. These articles will guide students towards thinking about the content of the Place and Liveability unit. These resources could be used to guide the whole topic.

### Your tasks

The tasks include:

* + - 1. Collect data about your community. Students access the [Australian Bureau of Statistics](http://www.abs.gov.au/) website to download census data that they can use to develop a plan for their own community. If internet access is not available in class, ABS data can be easily downloaded and saved to local drives before class.
      2. Graph data about your community. Graphing community data may be time consuming if students are not familiar with using Microsoft Excel or Google Slides. The process can easily be sped up by allocating different data to student groups and collating a class set of graphs.
      3. In groups, students need to develop a plan to improve your community by enhancing liveability. The form of the presentation students produce in *Task 3* has been left open to accommodate differences in communities. Decisions about what software to use, what community information to include and the form it takes can be made at a class or group level depending on time, resources available and how the task fits into your teaching and learning program.