# The Living World Stage 3

# Pre-visit activities and post excursion resources

Successful excursions have direct links to current classroom learning. Pre-visit activities carried out prior to the excursion will help students better understand their excursion content and provide connectedness and relevance to classroom learning.

To help students understand the Science and Technology concepts during their excursion, you may like to complete some of the pre-visit and follow-up activities below.

## **Student Pre-visit activities**

1. Introduce the concepts of sustainability, climate change and habitat
2. View the video *Causes and effects of climate change – National Geographic*

<https://www.youtube.com/watch?v=G4H1N_yXBiA>

1. View the video *How does climate change affect animals?*

<https://www.youtube.com/watch?v=9h7P8gWpolQ>

1. Have students view the Film Clips *Secret Sydney 8 Balls Head* Reserve at <https://www.youtube.com/watch?v=o9YbgIiIHHo>
2. View Balls Head Reserve on Google Earth and discuss its position in relation to the CBD and Sydney Harbour
3. Visit Balls Head Reserve on the NSW Government’s 6 Maps website <https://maps.six.nsw.gov.au/> and view the 1943 imagery to see how the landuse in the Bay has changed over time. Imagery is found under Base Maps (top right corner). Choose ‘Looking for 1943 imagery’ and slide the slider to toggle between 1943 and the current map. Discuss what has changed and what remains the same, particularly around the Coal loader and the headland.
4. Discuss how changes to the natural environment of Balls Head such as the buildings, roads and climate changes, might affect the native plants and animals.

**Follow up Activities**

Have students research an endangered animal which has been threatened by climate change.

Create a school native and kitchen garden.

Information about kitchen gardens can be found here:

<https://education.nsw.gov.au/teaching-and-learning/curriculum/learning-across-the-curriculum/sustainability/teaching-and-learning/kitchen-gardens>