

We have developed a series of science curriculum-related activities for students to engage with prior to attending our stand at Science Alive. Options are provided for each Year Level.

These will serve as preparation for optimising the experience we provide at Science Alive.

Year 7 – Focus on backyard/nearby local environment

Year 7: Science Understanding

Question: How would you construct a food web to show relationships between organisms in a local park?

Year 7: Science Inquiry Skills

Question: Plan an experiment to investigate the health of either the soil or the water in your garden or local park.

Year 8 – Focus on local park/neighbourhood

Year 8: Science as a Human Endeavour

Question: What is the role of knowledge of the environment and ecosystems in improving nature in your neighbourhood?

Year 8: Science Inquiry Skills

Question: How would you plan an investigation into the health of your local creek or river?

Year 9 – Focus on ecosystems

Year 9: Science Understanding

Question: How have ecosystems been changed as a result of building cities and other urban environments?

Year 9: Science Inquiry Skills

Question: How would you communicate information about the role of water in keeping a city healthy?

Year 10 – Focus on global systems

Year 10: Science Understanding

Question: How does the growth of cities affect global systems such as the carbon cycle or water cycle?

Year 10: Science Inquiry Skills

Question: How would you construct an evidence-based argument for where or how to improve nature in cities?

Bring the results of your work represented in a poster, narrative (or other format of choice) to our stall at Science Alive. We will display these during the day.

At the conclusion of Science Alive, the Green Adelaide/Adelaide National Park City team will announce winners for each Year Level, with books provided to the winning students and schools.