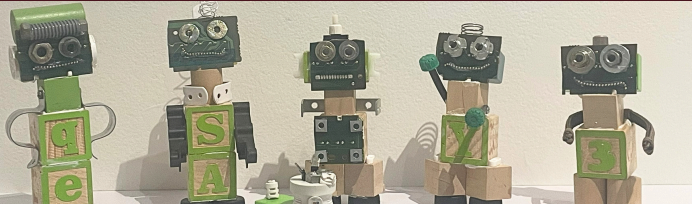


EDUCATION RESOURCE KIT

Educational programs are designed to spark curiosity through the discovery of new ideas, immersive experiences and growth of youth through art & culture.

AT THE CENTRE



Waste 2 Art

2 May - 9 August, 2026

Years K- 6 Outline:

The Waste 2 Art exhibition can provide students with an understanding of the wide range of art and the ways the world can be interpreted through different artistic styles, as well as the importance of environmental sustainability.

NSW Syllabus Links (2026):

- **Early Stage 1 - 3 Visual Arts:**
 - CAE-VIS-1: experiments with and identifies ways materials and techniques are used to represent subject matter and ideas in artworks
 - CA1-VIS-01: makes artworks using materials and techniques to represent subject matter and ideas, and describes ways artists convey ideas in artworks
 - CA2-VIS-01: makes artworks using art forms to represent subject matter and ideas, and describes ways artists convey ideas about their world to audiences through artworks
 - CA3-VIS-01: makes artworks in intentional ways to represent ideas about their world, and explains ways artists are influenced by contexts and how artworks are interpreted by audiences
- **Stage 1-3 HSIE:**
 - HS1-GEO-01: describes ways people connect to and care for places, water environments and each other, using geographical information
 - HS2-GEO-01: explains how people care for Australia's environments and participate in Australian society, using geographical information
 - HS3-GEO-01: examines global citizenship and how people organise, protect and sustainably use the environment, using geographical information
- **Stage 3 Science and Technology:**
 - ST3-SCI-01: uses evidence to explain how scientific knowledge can be used to develop sustainable practices

Activities:

- **Before your visit:**

- Read through and discuss Activity Sheet 2 with students to understand carbon footprints, and expand on the issues of reducing waste in our environment using some of the resource links below as a starting point for their own investigation or further class discussion
- Students can engage in a sorting activity to classify items into recyclable or non-recyclable (see activity sheet , then discuss what materials would be safe to use for creating artworks
- View and discuss examples of sustainable art practices and works, using the resource links provided in this Education Pack
- Arrange a visit with our Waste Education Officer, or check out the resources available for schools using the link provided on the Resource page

- **During your visit:**

- Choose one or two artworks and discuss with students what items have been used, and what its sustainability message might be
- Use Activity Sheet 1 to 'See, Think, Wonder' about the artworks in the exhibition
- Students to choose an artwork and try to describe it, identify why they like it, or sketch it (or all 3!)

- **After your visit:**

- Discuss how students can incorporate what they saw into their own artmaking eg colour matching, structures, ideas and links back to the theme
- Students share their observations from the exhibition
- Students can create their own waste 2 art artwork, or a class project for an art exhibition using recycled materials
- See example of other art making projects from the resource links provided below
- Conduct a carbon audit of your lunchbox, your home, or the whole school and come up with ways to reduce your carbon footprint

Resources:

- Dubbo Regional Council Waste Education Resources:
<https://www.dubbo.nsw.gov.au/Households-Residents/Rubbish-Recycling-and-Sustainability/waste-education-resources-and-programs>
- Netwaste School Resources: <https://www.netwaste.com.au/education/school-education-resources/>
- National Geographic for Kids: Recycle Roundup Activity
<https://kids.nationalgeographic.com/games/action-adventure/article/recycle-roundup-new>
- Green Generation (Youtube), Carbon Footprint (5m36s)
<https://www.youtube.com/watch?v=5vsfBuF09Ik>
- Triviatopia Show (Youtube), The Carbon Footprint Mystery (2m21s)
https://www.youtube.com/watch?v=hcj_EK82yNY
- Newsweek, How to Calculate Your Carbon Footprint (1m34s)
<https://www.youtube.com/watch?v=Fl0-4KaY9XY>
- ABC Television Station (USA), Artist Gives Recycled materials new life (1m58s)
<https://www.youtube.com/watch?v=ap9NFCiz4HI>
- ABC iview, A beautiful second life: creating art from recycled materials - Art Works (7m56s): <https://www.youtube.com/watch?v=3-XOKzV1Fk8>
- Art with Mrs Young (Youtube), Found Object Assemblage Art (6m 41s):
<https://www.youtube.com/watch?v=9-nznZ1ZB80>
- Fun Kids Learn, What is a carbon footprint:
<https://www.funkidslive.com/learn/what-is-a-carbon-footprint-and-what-can-we-do-to-reduce-it/>
- University of Michigan: Centre for Sustainable Systems, k-12 STEM resources,
<https://css.umich.edu/page/sustainability-resources-teachers-carbon-footprint>
- Sealife (Auckland NZ), How to reduce your carbon footprint at school,
<https://www.visitsealife.com/auckland/information/news/how-to-reduce-your-carbon-footprint-at-school/>

SEE, THINK, WONDER

WASTE 2 ART

Record your thoughts below:

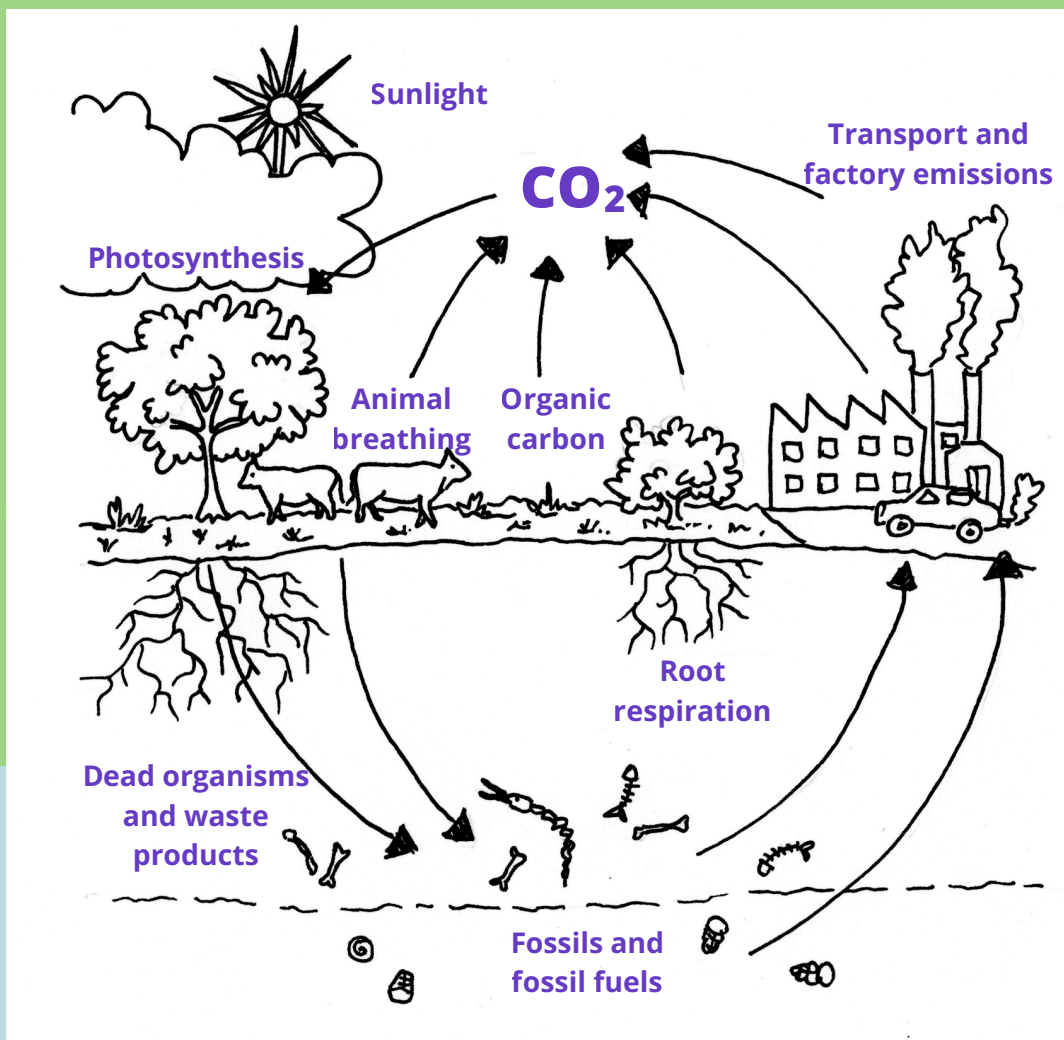
What Do You See?

What Do You Think?

What Do You Wonder?

The Carbon Cycle

Imagine the carbon cycle as Earth's exciting dance party! Here, carbon moves around, showing off its moves in the atmosphere (the air), the biosphere (all living things), the hydrosphere (water), and the geosphere (land and rocks). This fun dance is super important for life and acts like a climate DJ, mixing the tunes that keep Earth's climate just right!



Carbon is moving all around the Earth! Up in the sky, carbon is mostly in the form of carbon dioxide (CO_2). But then, plants on the ground catch that CO_2 . With the help of sunlight, they use a special process called photosynthesis to turn it into energy, storing carbon in their leaves and stems!

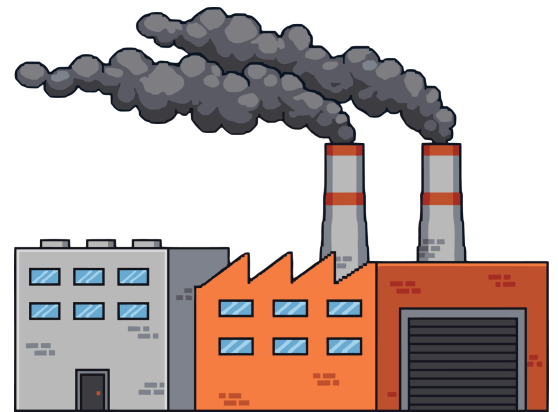
Carbon takes a fun journey through nature, catching a ride with animals that eat plants and other creatures. When they breathe, plants, animals, and even tiny bugs send CO₂ back into the air, keeping the carbon cycle going round and round.

When living things pass away, their carbon goes into the soil. Some of it stays there for a super long time and can turn into fossil fuels. But people burn these fuels, sending carbon zooming back into the air quickly.

The oceans are like giant carbon sponges, soaking up CO₂ from the air and sharing it with sea life, keeping everything in balance.

How People Change the Carbon Cycle

We're changing the carbon dance by burning fossil fuels and cutting down forests, which puts more carbon in the air. This makes it harder for nature to keep carbon in balance, with more CO₂ floating around. More CO₂ means Earth's blanket of gases traps more heat, making the planet warmer and changing the climate.



So, What Can We Do?

We can be the heroes of this story! By using less fossil fuel, taking care of forests, reducing waste, and making choices that are good for the Earth, we can help balance the carbon cycle. Let's use clean energy and treat nature like our best friend!



Sorting Rubbish



Put the rubbish in the right bin!

Paper

Plastic

Other

Glass

Organic



magazine



bag



charger



jar



apple core



box



bottle



cans



bottle



grass



news paper



lolly wrappers



textas



broken glass



scraps

