

POLICY,
ADVOCACY
&

AN ENDANGERED
SPECIES



Black Cockatoo Crisis HASS Lessons

Black Cockatoo Crisis links well to many areas of the HASS curriculum from year 5 through to year 12, including but not limited to:

Geography (e.g. mapping, land use change, impact of colonisation, cultural change)

Government & Democracy (e.g. policy, law, decision making, activism)

Civics & Citizenship (e.g. advocacy, citizenship, the 'common good', protest)

History (e.g. timeline of events, historic context, cultural & policy change over time)

This lesson provides material for an exploration of policy & advocacy in the context of conservation and competing land use needs. It incorporates a comparison of other conservation campaigns, policy commentary and community influence on policy development.

This Lesson: Year 9 Civics & Citizenship

- Curriculum: Develop knowledge and understanding relating to government policy and how individuals and groups participate in and contribute to civic life. Extend competencies and skills in: analysis, synthesis and interpretation; communication and reflection; problem-solving and decision-making, and; questioning and research.
- **Objective:** Students will be able to identify and explain competing pressures in conservation versus industrial or residential development. Students will be able to analyse the importance of advocacy, protests, and political activism to policy development for conservation.
- Task: Students will examine and compare 2 cases: the situation documented in the Black Cockatoo Crisis film, and the story of saving the Franklin River Dam in Tasmania. For each case students will s identify:
 - the issue/situation (what is in contention);
 - the competing interests/needs;
 - advocacy or activism efforts; and
 - government policy.

Students will then participate in a group discussion to discuss their comparisons and evaluate the available evidence to draw conclusions about the importance of advocacy, protests, and political activism to conservation.

Preparation

Watch the *Black Cockatoo Crisis* film (at school or as homework).

Access Options:

Vimeo:

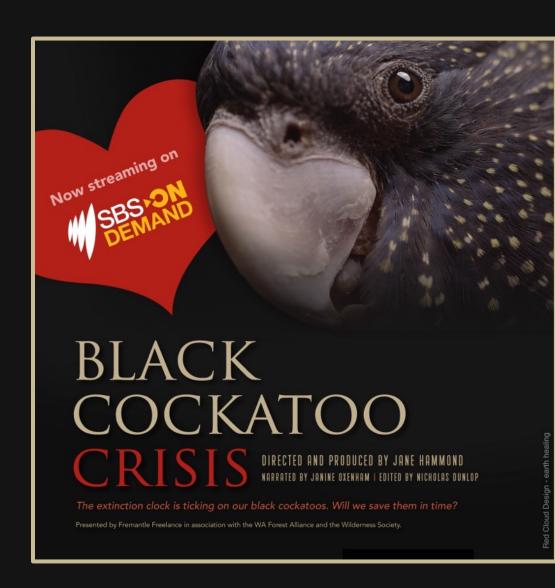
https://vimeo.com/ondemand/blackcockato ocrisis

SBS On Demand:

https://www.sbs.com.au/ondemand/movie/black-cockatoo-crisis/2295518787622

Clickview:

https://launch.clickview.net/open?AppLink=video:79607552







"Advocacy and protests have no impact on government decisions."

- Do you think this statement is true or false?
- Why? What is your reasoning?
- Can you back up your belief with any evidence?

Discuss as a class.

Record the total 'agree' and 'disagree' on the board.

What is 'Policy'?

- Policy is a deliberate system of guidelines to guide decisions and achieve rational outcomes. It can be a law, regulation, procedure, administrative action, incentive, or voluntary practice of governments and other institutions.
- A policy is a statement of intent and is implemented as a procedure or protocol.
- Policies are generally adopted by a governance body within an organization.
- Policies can assist in both subjective and objective decision making.
- Policy decisions are frequently reflected in resource allocations.

Policy is created at all levels of Government.

Do you know what each level of government is responsible for? Test your knowledge of the three levels of government in Australia with this game!

https://peo.gov.au/understand-our-parliament/how-parliament-works/three-levels-of-government/federal-state-and-local

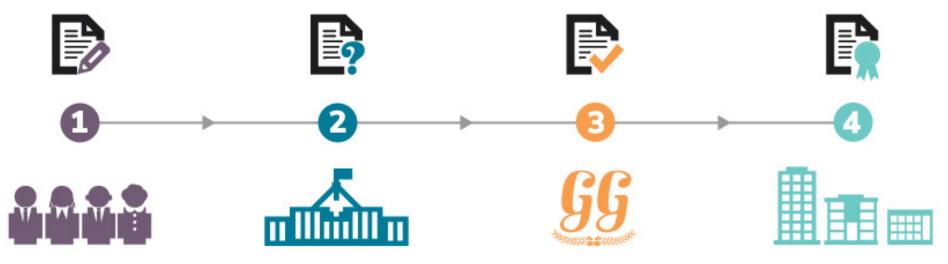


Government Policy in Australia

- The Cabinet, consisting of senior Ministers presided over by the Prime Minister, is the main policy-making body.
- Major policy and legislative proposals are decided by the Cabinet.
- The Prime Minister selects Ministers for Cabinet positions. Ministers are selected by the Prime Minister.

(Parliament of Australia, 2023)

FROM POLICY TO LAW



The **EXECUTIVE GOVERNMENT**

decides policy, then drafts and introduces bills to Parliament



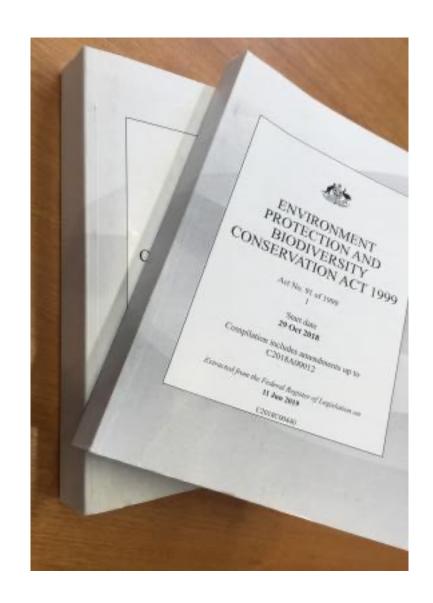
Bills are considered by **PARLIAMENT**

If passed by the Parliament, the bills are approved by the

GOVERNOR -GENERAL Bills become Acts of Parliament and therefore laws, which are administered by Government Departments

Who writes Policy?

- Government employees (policy officers) develop the draft policy in consultation with stakeholders (industry, community, and NGO's)
- The draft policy gets sent to the government minister responsible for that portfolio, or to Cabinet.



Conservation & Government Policy

Conservation often involves conflicting goals or values.

Balancing economic development with environmental protection generates passionate public debate and can throw the government into conflict.

What factors do the Australian and/or Western Australian Government consider before it approves further development of remaining Black Cockatoo Habitat?

Government & Democracy: Advocacy

Advocacy is defined as any action that speaks in favour of, recommends, argues for a cause, supports or defends, or pleads on behalf of others.

It is used in formal and informal situations. in both legal and civic contexts.



Government & Democracy: Activism

Activism is defined as the policy or action of using campaigning to bring about political or social change.

Activism is an important part of the democratic process. Individuals and communities have the power to shape government policy and society by campaigning for change.





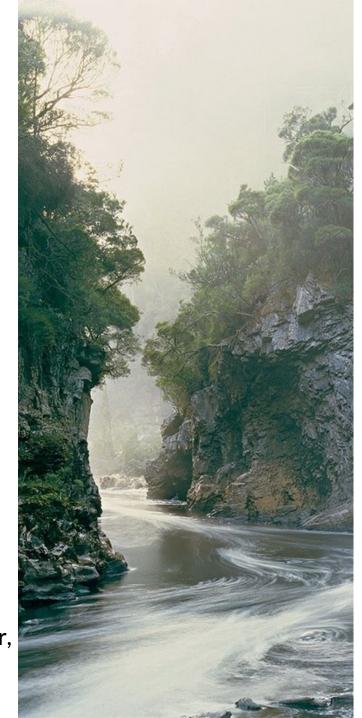
POLICY, ADVOCACY & CONSERVATION

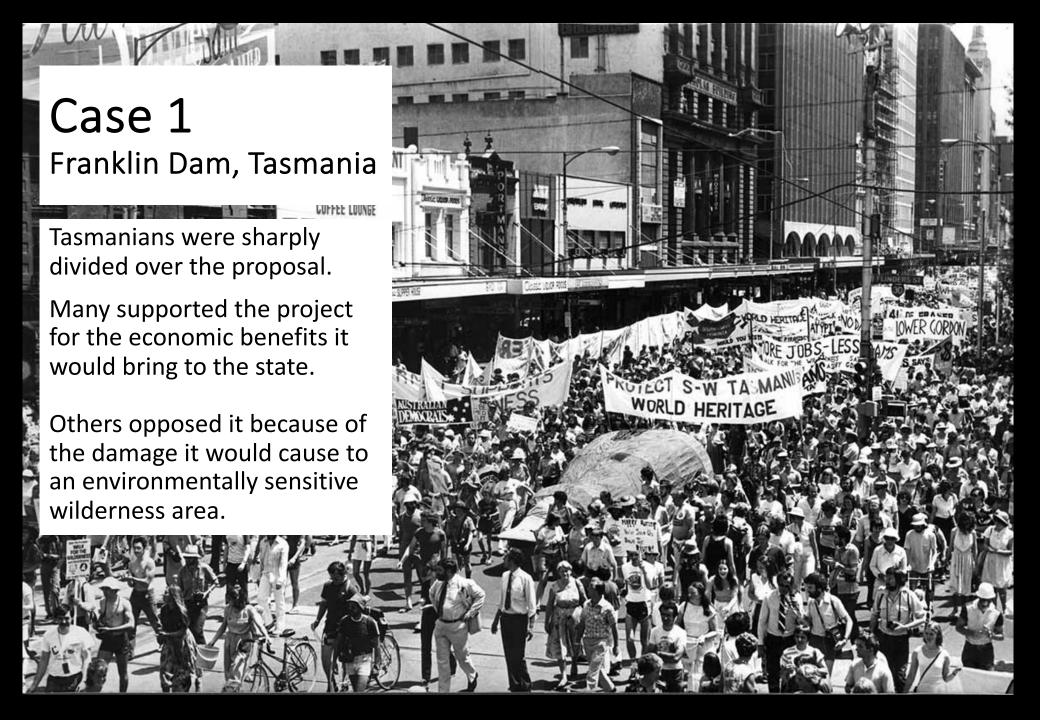
CASE STUDIES

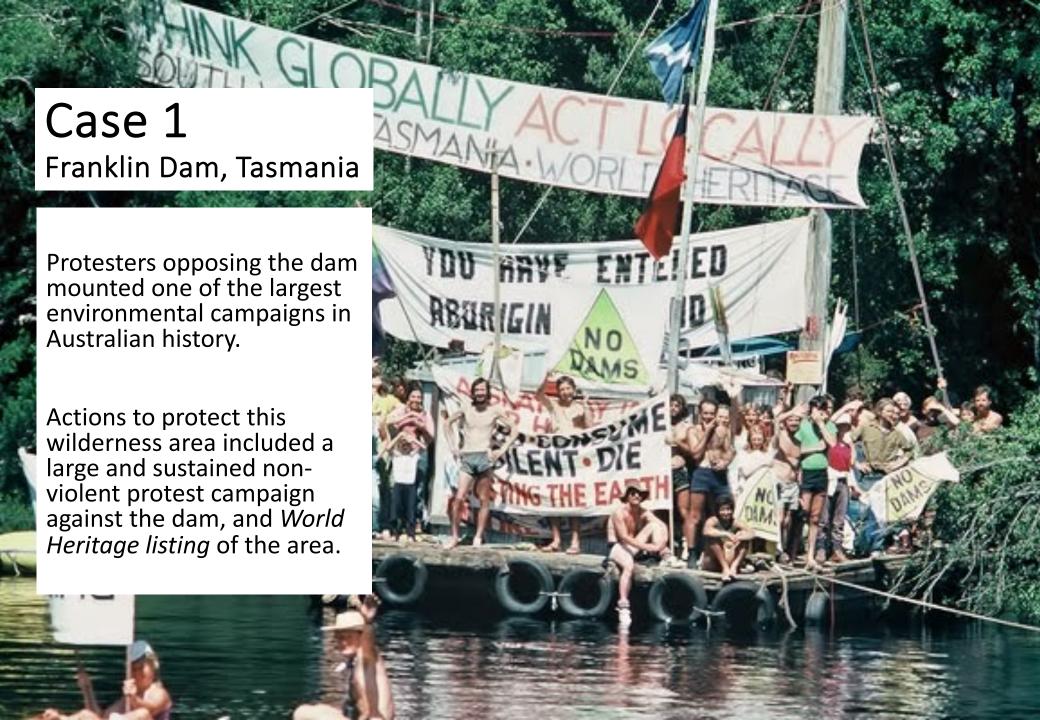
Case 1 Franklin Dam, Tasmania

In 1978 the Tasmanian
Hydro-Electric Commission—
with approval from the
Tasmanian Government—
announced plans to build a
dam on the Franklin River to
generate hydro-electricity.

Image: Morning mist, Rock Island Bend, Franklin River, Tasmania by Peter Dombrovskis (remastered & cropped from original)Source: Wild Island Tasmania







Case 1

Franklin Dam, Tasmania

The newly elected Hawke Labor government intervened and the project was abandoned in 1983.





- 1. How important do you think the environmental protest campaign was to the decision not to build the dam?
- 2. The areas affected by the dam proposal gained World Heritage listing during the campaign. Why was this listing significant?
- 3. Federal and state governments need to consider competing interests when they approve a project that has large economic benefits but a negative impact on the environment. What competing issues can you identify in this case?

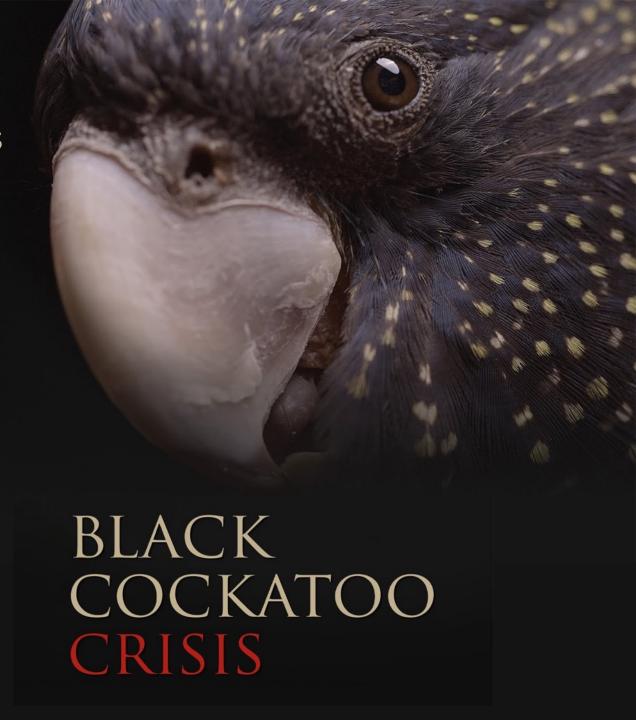


Case 2 Black Cockatoo Crisis

Three species of Black Cockatoo are at risk of becoming extinct.

Once seen in flocks of thousands that blackened the sky like rain clouds, Ngoolarks (Carnaby's Cockatoo) are now listed as 'Endangered' by the IUCN.

What role can advocacy & activism have in saving the species?



Population Decline

Once seen in flocks of thousands that blackened the sky like rain clouds, WA species of Black Cockatoos are now listed as 'Endangered' by the International Union for the **Conservation of Nature** (IUCN).





Impacts of Human Activities

Estimates show the population of Carnaby's Cockatoo has decreased by over 50% since European settlement.

There are a number of reasons for this - all related to human activity.

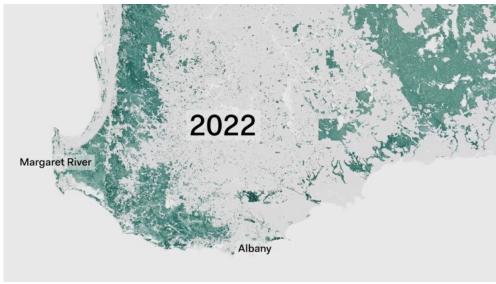


Why are Black Cockatoos disappearing?

The decline has been mainly caused by a loss of habitat and breeding sites.

Approximately 87% of Black Cockatoo habitat has been cleared of native vegetation since the 1950s.







Summarise the competing interests relating to conservation of Cockatoo habitat.





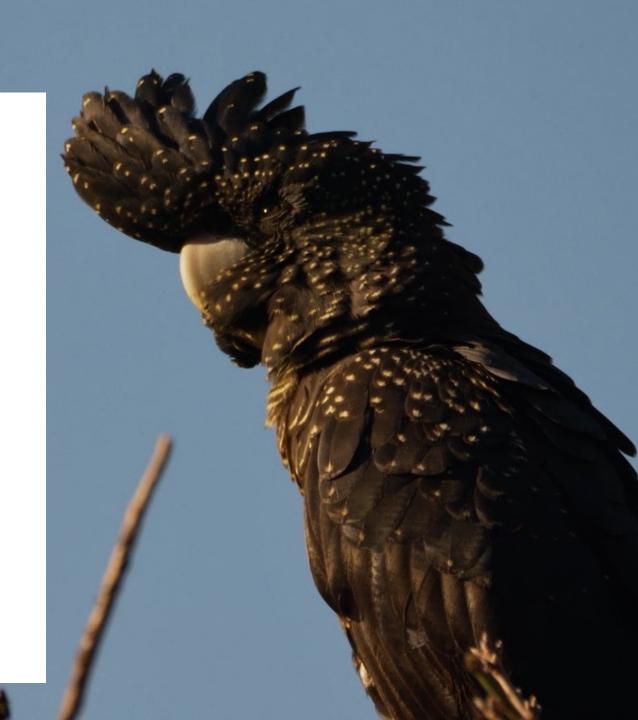






Group Work 2

Research what Government Policy is relevant to the conservation of Black Cockatoo in WA



EPBC Act



Threatened Species Strategy 2021–2031





Western Australia

Biodiversity Conservation Act 2016

An Act to provide for —

- the conservation and protection of biodiversity and biodiversity components in Western Australia; and
- the ecologically sustainable use of biodiversity components in Western Australia; and
- the repeal of the Wildlife Conservation Act 1950 and the Sandalwood Act 1929; and
- consequential amendments to other Acts, and for related purposes.

The Parliament of Western Australia enacts as follows:

WA Biodiversity Conservation Act



Home / Environment / Biodiversity / Threatened species & ecological c

>

Government Policy:

- Priority Protection and maintenance of existing habitat for both nesting and foraging
- Reduce competition for hollows and provide supplementary hollows, including the ongoing maintenance of supplementary hollows where required.
- Planting feeding habitat, including working with land managers to create additional food sources for the birds.
- Provide safe drinking areas near urban roost areas, to encourage cockatoos away from watered roadside verges.

The Threatened Species Action Plan 2022-2032

Saving Native Species

Priority Species

Priority Places

Development and consultation

Threatened Species Strategy 2015-2020

Carnaby's Cockatoo

Common name

Carnaby's Cockatoo

Scientific name

Zanda latirostris

EPBC status

Endangered



Photo: Claire Greenwell



Policy to Strategy

How does The Australian Government's Threatened

Species Strategy 2021–2031 relate to the content of

the film?

- How does the strategy propose to address the Biodiversity Crisis?
- What evidence will be required to assess if the strategy is effective?



Reporting

helps to:

- validate efforts,
- maintain momentum for action, and
- ensure transparency, accountability efficient investment.

Restoration & Mitigation Strategies



The Threatened Species strategy 2021-2031 identifies 8 key action areas that are fundamental to the recovery of threatened species, divided into 2 groups:

- DIRECT ACTION
- SUPPORTING ACTION

Plus:

MONITORING AND REPORTING

(Commonwealth of Australia, 2021)

DIRECT Action

- Mitigating new & established threats
- Conserving restoring and improving habitat
- Emergency preparedness & response
- Climate change adaptation
 & resilience

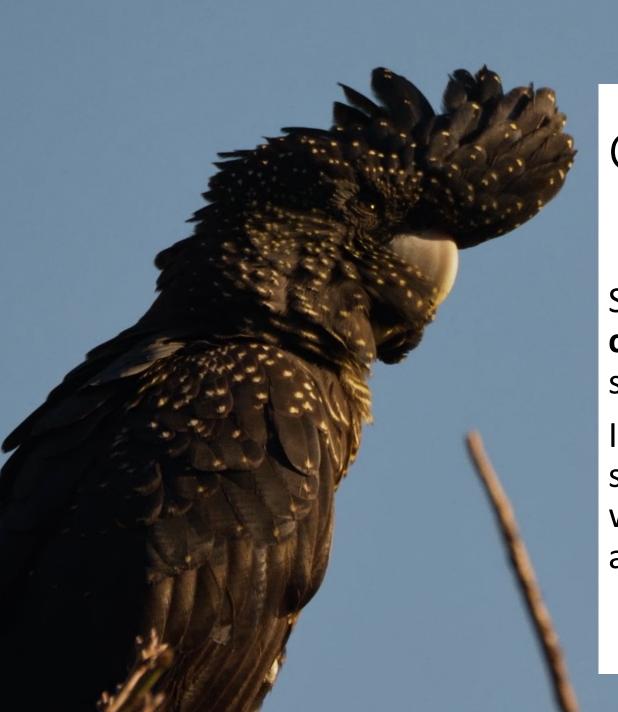
INDIRECT Action

- Effective planning for conservation
- Knowledge & tools
- Forging stronger partnerships
- Community leadership & engagement



Class Discussion: Conservation Policy





Group Work 3

Summarise the conservation actions shown in the film.

Include all forms of supporting actions as well as advocacy and activism.









Encourage life into your garden: plant for black cockatoos

Heather Waugh and Douglas Betts Volunteer Master Gardeners

Help save an entire species and get free help in the garden in exchange? That's a deal that's hard to refuse!

We're talking about the Carnaby's Black Cockatoo (Calyptorhynchus latirostris).

Of the three black cockatoo species in the South-West of Western Australia, Carnaby's is the most threatened, Jisted as endangered under the Commonwealth Environmental Protection and Biodiversity Conservation Act 1999.

These cheeky birds, punctuating Perth skies with their raucous 'wee-lar' calls during the first half of each year, are up against tough odds. They breed in the Wheatbelt, using hollows in mature trees as nests to raise their chicks. In some areas more than 90% of the native vegetation has been cleared. After breeding they

return to the coastal plain, where widespread clearing for urban areas and agriculture has caused a dramatic loss of feed habitat.

Numbers of this iconic species have halved since the 1960s. They have vanished from one-third of their former range and it is thought that most of the birds we see today are too old to breed. Will our children or grandchildren farewell the last of these beautiful birds?

Thankfully, our gardens are opportunities for vital urban habitat. Carnaby's eat seeds, flowers and insect larvae. They feed on some of our beautiful native plants, such as banksias, hakeas and grevilleas, as well as the fabulous Marri (Corymbia calophyllla). Of course, not everyone can fit a Marri tree in their garden, but here are some striking and adaptable options that Carnaby's will love.



Marri fruits, or 'honky nuts', are a favourite food of black cockatoos Photo: Sallyanne Cousans

Planting Cockatoo Food & Shelter

- Choose the right plant for your situation: look for the 'Choose for Black-Cockatoos' label in nurseries, or refer to information on "How to Plant Black-Cockatoo Friendly Gardens"
- Use prickly hedges to provide shelter. If planting low plants, make sure Carnaby's will feel safe enough to come to the ground.
- Don't place food plants next to roads.
 Birds can get hit by traffic.
- Supply clean fresh water in your garden.





What can be done to save them?

- Change 'net loss' of habitat to 'net gain', by planting more food trees and protecting what's left
- Plant black cockatoo food trees in your garden (e.g. banksia, hakea, macadamia)
- Put out a water source, even a small bird bath and keep it full of clean water
- Get involved in council-run planting days to plant more food for black cockatoos
- Become a Citizen Scientist! join the BirdLife Australia annual "Great Cocky Count"
- Report injured black cockatoos to the rescue service at Kaarakin Black Cockatoo Conservation Centre or DBCA's wildlife helpline
- Learn more about black cockatoos
- Write to councillors and Ministers and ask them to save Carnaby's Cockatoo by protecting their habitat



BLACK COCKATOO CRISIS

DIRECTED AND PRODUCED BY JANE HAMMOND

Curriculum links

- Students identify, analyse and explain significant interconnections between people, places and environments and explain changes that result from these interconnections and their consequences.
- By the end of Year 10, students refer to key events, the actions of individuals and groups, and beliefs and values to explain patterns of change and continuity over time. They analyse the causes and effects of events and developments and explain their relative importance. They explain the context for people's actions in the past. Students explain the significance of events and developments from a range of perspectives. They explain different interpretations of the past and recognise the evidence used to support these interpretations (Year 10 History Achievement standard).
- Critically analyse information and ideas from a range of sources in relation to civics and citizenship topics and issues (ACHCS056)
 - analysing how information can be used selectively to persuade citizens (for example, in a debate about a suggested constitutional change)
- Reflect on their role as a citizen in Australia's democracy (ACHCS060)
 - raising awareness of different perspectives (for example, about sustainability challenges)
- Use democratic processes to reach consensus on a course of action relating to a civics or citizenship issue and plan for that action (Year 9) - ACHCS087, (Year 10) - ACHCS100
- Use democratic processes to reach consensus on a course of action relating to a civics or citizenship issue and plan for that action
- Present evidence-based civics and citizenship arguments using subject-specific language (Year 9) ACHCS088, (Year 10) -ACHCS101
- Reflect on their role as a citizen in Australian, regional and global contexts (Year 9) ACHCS089, (Year 10) ACHCS102

References

- Bourne, A. R., Garnaut, K., Dawson, R., Beswick, H., Blakeway, F., Rycken, S., ... & Kendle, J. (2023). Managing a breeding population of endangered Carnaby's Black–Cockatoo Calyptorhynchus latirostris on the edge of their range. Pacific Conservation Biology, 30(1) https://www.publish.csiro.au/pc/pc22051
- Commonwealth of Australia (2021) The Australian Government's Threatened Species Strategy 2021–2031. DAWE 2021,
 Department of Agriculture, Water and the Environment, Canberra, April. CC BY 4.0. ISBN 978-1-76003-397-2.
 https://www.dcceew.gov.au/sites/default/files/documents/threatened-species-strategy-2021-2031.pdf
- Conservation International (2024) Why Are Biodiversity Hotspots Important? Conservation International Foundation. Website Article accessed online at https://www.conservation.org/priorities/biodiversity-hotspots
- Fahrig, L. (2003). Effects of habitat fragmentation on biodiversity. *Annual review of ecology, evolution, and systematics*, 34(1), 487-515. https://www.annualreviews.org/content/journals/10.1146/annurev.ecolsys.34.011802.132419
- Hammond, Jane (2024) Black Cockatoo Crisis (website). https://www.blackcockatoocrisis.com.au/
- Hogue, A. S., & Breon, K. (2022). The greatest threats to species. *Conservation Science and Practice*, 4(5), e12670. https://conbio.onlinelibrary.wiley.com/doi/epdf/10.1111/csp2.12670
- Kaarakin Black Cockatoo Conservation Centre (2024) Kaarakin Black Cockatoo Conservation Centre Website. https://blackcockatoorecovery.com/
- Ritchie, E., Evans, M. C., & Chee, Y. E. (2022) Labor's plan to save threatened species is an improvement but it's still well short of what we need. The Conversation. October 5, 2022 3.07pm AEDT https://theconversation.com/labors-plan-to-save-threatened-species-is-an-improvement-but-its-still-well-short-of-what-we-need-191845
- Shah, B., & WA, B. A. (2006). Conservation of Carnaby's Black-Cockatoo on the Swan Coastal Plain, Western Australia. Birds Australia, Western Australia. https://direct.birdlife.org.au/documents/CBC-GCC-Shah2006-Carnabys SCP Project Report.pdf
- Thomson, G., Newman, P., Hes, D., Bennett, J., Taylor, M., & Johnstone, R. (2022). Nature-positive design and development: a case study on regenerating black cockatoo habitat in urban developments in Perth, Australia. *Urban Science*, 6(3), 47. https://www.mdpi.com/2413-8851/6/3/47
- Ward, M., Reside, A., Possingham, H., Watson, J., Simmonds, J., Rhodes, J., & Taylor, M. (2019). Environment laws have failed to tackle the extinction emergency. Here's the proof. The Conversation. September 9, 2019 12.47pm AEST. https://theconversation.com/environment-laws-have-failed-to-tackle-the-extinction-emergency-heres-the-proof-122936
- Watson, J., McDonald-Madden, E., Allan, J., Jones, K., Di Marco, M., & Fuller, R. (2016). Half the world's ecosystems at risk from habitat loss, and Australia is one of the worst. *The Conversation* December 14, 2016 12.28pm AEDT. https://theconversation.com/half-the-worlds-ecosystems-at-risk-from-habitat-loss-and-australia-is-one-of-the-worst-64663
- Wilcove DS, McLellan CH, Dobson AP. 1986. Habitat fragmentation in the temperate zone. In *Conservation Biology*, ed. ME Soulé 237–56 Sunderland, MA: Sinauer
- Zambrano, J., Garzon-Lopez, C. X., Yeager, L., Fortunel, C., Cordeiro, N. J., & Beckman, N. G. (2019). The effects of habitat loss and fragmentation on plant functional traits and functional diversity: what do we know so far?. *Oecologia*, 191(3), 505-518. https://link.springer.com/article/10.1007/s00442-019-04505-x