



Teacher Resource

COP30

Focus Questions

Discuss the BTN story as a class and record the main points of the discussion. Students will then respond to the following:

1. Where is COP30 being held? Find on a world map.
2. What does COP stand for?
3. What are the main issues leaders will be talking about at COP30? Name 2.
4. What is the Paris Agreement?
5. What message would you like to send to world leaders about fighting climate change?

Activity: Class Discussion

Discuss the BTN COP30 story as a class using the following questions to guide discussion:

- What is the aim of the COP30 meeting?
- Give examples of human activity that are causing the increase in carbon dioxide in the atmosphere.
- What is meant by net zero emissions?
- What are the consequences of not taking action on climate change?
- Do you think Australia is doing enough to address the problem of climate change?
- Why is it important for young people to be involved in events like COP?
- What message would you like to send to world leaders about fighting climate change?



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KEY LEARNING

Students will learn more about COP and the role young people can play to help fight climate change.

CURRICULUM

HASS – Year 4

Propose actions or responses to an issue or challenge that consider possible effects of actions

Science – Years 5 & 6

Investigate how scientific knowledge is used by individuals and communities to identify problems, consider responses and make decisions

Science – Year 7

Examine how proposed scientific responses to contemporary issues may impact on society and explore ethical, environmental, social and economic considerations

Activity: Key words

Students will brainstorm a list of key words that relate to the BTN COP30 story. Here are some words to get them started.

| | | |
|-------------------|----------------|----------------|
| GREENHOUSE EFFECT | NET ZERO | EMISSIONS |
| PARIS AGREEMENT | CLIMATE CHANGE | GLOBAL WARMING |

Ask students to write what they think is the meaning of each word (including unfamiliar words). They will swap definitions with a partner and ask them to add to or change the definition. Check these against the dictionary definition.

Activity: Taking Action on Climate Change

Students will investigate ways that they can be part of the solution to reduce the effects of climate change. Discuss with the class ways to reduce the effects of climate change. What can be done on a global, national and local level? What changes can be made in our homes and schools to reduce emissions?

Reducing greenhouse gas emissions is the key to reducing the impact of climate change. This means getting most of our energy from a range of renewable energy sources instead of burning fossil fuels. Students can choose to research a clean energy technology in more detail and explain how it works and whether the technology is being used in Australia.

Ask your students 'What can we do and why is it important to get involved in tackling pollution?'. Record students' responses on a mind map. Ask students to think about ways their school and home can reduce energy demand, become more energy efficient and incorporate renewable energy sources.

Students can undertake one or more of the following activities:

- School energy audit – track your school's energy usage and calculate your carbon emissions. How can your school reduce its carbon emissions? For example, turn off lights when not in use, turn off computers at the end of the day, find alternatives to driving to school, buy locally sourced seasonal food and reduce your waste. Share your results with the school community.
- Does your school have solar panels? If not, conduct a study and present it to your school. Research the benefits of using solar energy at your school. Does your school have a plan to reduce its carbon footprint? If so, find out what your school's targets are in reducing its carbon emissions. Would installing solar panels reduce your schools carbon emissions? Explain.
- Write letters to local or federal politicians expressing your school's views on greenhouse gas emissions and its impact on communities, plants and animals in your local area.
- Invite a scientist to visit your school to talk about the effects of global emissions and ways the community can make a difference.
- Contact your local council and/or schools in your area to share ideas on how your community can reduce their greenhouse gas emissions.

Activity: BTN stories

Watch one of the following BTN stories to learn more about what young people are doing to help the environment. After watching any one of the BTN videos ask students to respond to the discussion questions (to find the teacher resources go to the related BTN Classroom Episode and download the Episode Package).



[Climate Change Court Battle](#)



[Teen Waste Recycler](#)



[World Clean-up Day](#)



[Young Conservationists](#)



[Electric Car Class](#)



[War on Waste School](#)

Useful Websites

- [Net Zero](#) - BTN
- [COP29](#) – BTN
- [What can we expect from COP30?](#) – Newsround
- [Understanding Climate Change](#) – BTN