



Teacher Resource

Ozone Layer

Focus Questions

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

1. What is Ozone?
2. Where is the Ozone layer?
3. What are the names of the two other layers in the sky?
4. In what year did scientists discover that Ozone levels around the Antarctic were dropping fast?
5. What would happen if there was no Ozone layer?
6. What can damage the Ozone layer?
7. In 1987, world leaders came together at a conference to take action towards protecting the Ozone layer. Which city was this held in?
 - a. Madrid
 - b. Mexico
 - c. Montreal
8. An international agreement recognising the impacts on the Ozone layer was signed at that conference. What was the name of the agreement?
9. What does CFC stand for?
10. What year is the Ozone layer predicted to make a full recovery?
11. How have humans contributed to ozone depletion?

Activities

- Create an interactive quiz about the Ozone Layer to test out your classmates (e.g., using Kahoot!).
- Devise your own 'international agreement' on how to take action on an environmental issue such as the Ozone Layer
- Create a 3D model showing the layers above the Earth's surface. Label your model and be as creative as possible.

EPISODE 5

1st February 2023

KEY LEARNING

Students will explore what the Ozone Layer is, discover its history and learn about what is being done to protect it.

CURRICULUM

[Science – Year 10 \(v8.4\)](#)

[Science – Year 10 \(v8.4\)](#)

[History – Year 10 \(v8.4\)](#)

[Science – Year 9 \(v9.0\)](#)

[Science – Year 10 \(v9.0\)](#)

[History – Year 7 \(v9.0\)](#)