

## TOPIC 9.2

# Reducing Ozone Depletion

### Required Course Content

#### ENDURING UNDERSTANDING

##### STB-4

Local and regional human activities can have impacts at the global level.

#### LEARNING OBJECTIVE

##### STB-4.B


Describe chemicals used to substitute for chlorofluorocarbons (CFCs).

#### ESSENTIAL KNOWLEDGE

##### STB-4.B.1

Ozone depletion can be mitigated by replacing ozone-depleting chemicals with substitutes that do not deplete the ozone layer. Hydrofluorocarbons (HFCs) are one such replacement, but some are strong greenhouse gases.

#### SUGGESTED SKILL

 *Environmental Solutions*

##### 7.B

Describe potential responses or approaches to environmental problems.



#### AVAILABLE RESOURCES

- Classroom Resource > [AP Environmental Science Teacher's Guide](#)
- External Resource > [Environmental Literacy Council's AP Environmental Science Course Material](#)
- External Source > [GLOBE for the Environmental Science Classroom](#)