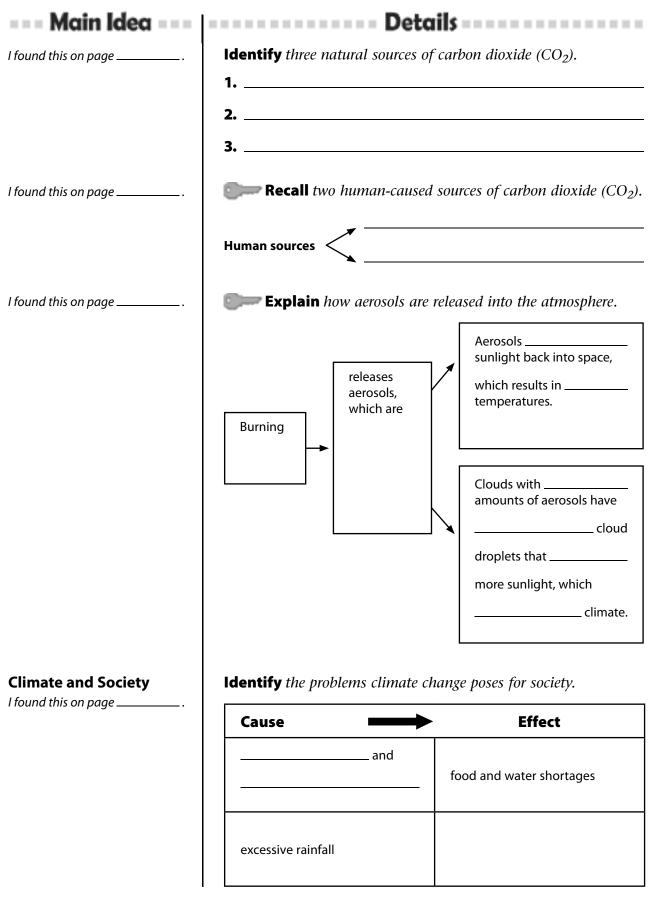
Lesson 3 Recent Climate Change

Skim *Lesson 3 in your book. Read the headings and look at the photos and illustrations. Identify three things that you want to learn more about. Write your ideas in your Science Journal.*

Main Idea	Details
Regional and Global	Summarize Earth's air temperature over the past 100 years.
Climate Change	1880–1900 temperatures
	1900–1945 temperatures
	1945–1975 temperatures
	1975–2000+ temperatures
Human Impact on Climate Change I found this on page	Define global warming, and explain the conclusion of the Intergovernmental Panel on Climate Change (IPCC). Global warming:
I found this on page	Explain how greenhouse gases affect Earth's temperatures. Natural Greenhouse Effect
	Temperatures suitable for
	(CO ₂),, life are
	and water vapor Earth's outgoing infrared
	Over the Last 120 Years
	An increase in CO2 levels Average surface causes temperatures have been

Lesson 3 | Recent Climate Change (continued)



Lesson 3 | Recent Climate Change (continued)

	Warmer Temperatures
	a. cause more water to, producing
	and storms.
	b. glaciers and polar ice sheets and cause to rise.
	c. melt the frozen in the Arctic, changing patterns.
	d. cause weather events to become more common.
Predicting Climate Change found this on page	Define <i>the</i> global climate model (GCM), and explain the limitations of the model's predictions. GCM:
found this on page	Describe two activities of increasing human populations that might affect climate. 1.
	l
	2
found this on page	