Introduction to Chemistry

Before You Read

Science Journal

-	ore you read the chapter, write down four facts you know about mistry.
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- ⁷ ri	te three questions about scientific methods and research.
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Name	Date	

Introduction to Chemistry

Section 1 A Story of Two Substances

Scan Section 1 of your text. Use the checklist below as a guide.

- Read all section titles.
- Read all boldfaced words.
- Read all tables and graphs.
- Look at all pictures and read the captions.
- Think about what you already know about ozone and chlorofluorocarbons (CFCs).

Write four facts you discovered about ozone and CFCs.

- 1. _____
- 2. _____
- 3. _____
- 4. _____

∠New——— Vocabulary

Use your text to define each term.

chemistry

substance

The Ozone Layer	Detail the ozone layer by completing the fo	y completing the following paragraph.		
Use with pages 5–7.	Overexposure toc	auses sunburn, is harmful to		
	, lowers	, and disrupts		
	When	is exposed to ultraviole		
	radiation in the upper regions of the	, a chemical called		
	is formed. About	of Earth's ozone is		
	spread out in a layer that surrounds and	our planet.		
	Ozone forms over the and flo	ws toward the		
	3.			
	Illustrate the balance between oxygen gas stratosphere, using Figure 3 in your text as label the parts of your model.			

Chlorofluoro-	Analyze the graph in Figure 2 concentration of CECs fr	-	ription of the		
Use with pages 7–8.	carbons concentration of CFCs from 1979 through 2010.				
Ose will pages 7–6.					
	-				
	Analyze chlorofluoroca	rbons by completing the f	ollowing table.		
	CFCs Were First Developed	Facts	Uses		
	Because:	about CFCs	of CFCs		
L-WORLD CONNECTI	ON				
from your reading the po your conclusions.	tential connection between C	FCs and the ozone layer. U	Jse Figures 5 and		