

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

## INTRODUCTION TO OZONE—THE OZONE LAYER

**Dr. Art's Guide to Planet Earth—the ozone layer** - Please read pages 86 and 87 of this book to learn a little background information about ozone. Then, answer the questions below.

1. What is ozone?
2. How is ozone different from the two-atom form of oxygen?
3. Where is most of Earth's ozone found?
4. Why is it a good thing that most ozone is found where it is and not where we live?
5. What is the difference between "good" ozone and "bad" ozone?
6. What does "good" ozone do for us?
7. What does "bad" ozone do to us?
8. How long has oxygen been present in our atmosphere?
9. From where did the oxygen in our atmosphere come?
10. How is ozone formed in the upper atmosphere?
11. What significance did the formation of ozone in our atmosphere have on Earth's life?