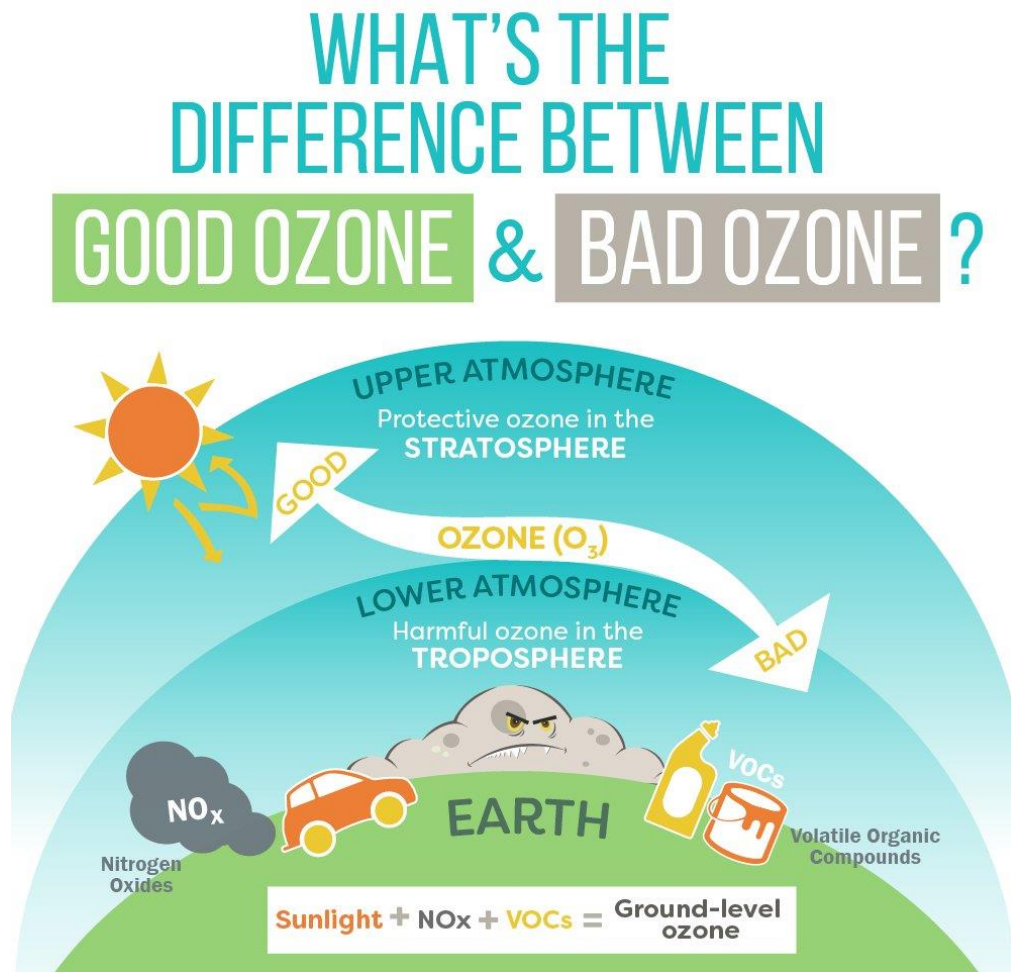


INTRODUCTION TO THE OZONE

Activity 1 – Good vs Bad Ozone

Use the image to answer the following questions.



1. Where is good ozone located?
2. Where is bad ozone located?
3. What does VOC mean?
4. What create nitrogen oxides?
5. What is the chemical formula for ozone?
6. What creates ground level ozone?
7. Where is ozone protective?
8. Explain the basic difference between good and bad ozone.

Activity 2 - Dr. Arts Guide to the OZONE!

Use pages 86 – 90 of Dr. Arts Guide the Planet Earth to learn more about our amazing ozone layer.

1. Ozone is a form of _____.
2. How is oxygen we breathe different from ozone?
3. Fill in the data table below.

| Good Ozone and Bad Ozone | | | |
|--------------------------|--------------|-----------------|------------------|
| Type of Ozone | Where is it? | How is it made? | What does it do? |
| "Good" Ozone | | | |
| "Bad" Ozone | | | |

4. We care about the _____ ozone, because it protects life from the sun's UV rays.
5. As soon as there was _____ in the atmosphere, it reacted with incoming UV rays and formed _____.
6. What does the ozone do to protect us?
7. CFC is short for what?
8. How do CFC's affect the atmosphere?
9. When do scientists predict when the ozone will recover?
10. What are we realizing as small amounts of man-made chemicals are released into the atmosphere?