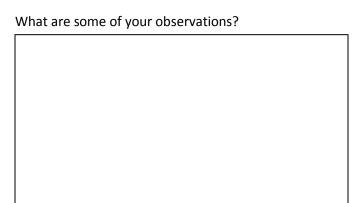
MOLECULES and LIGHT

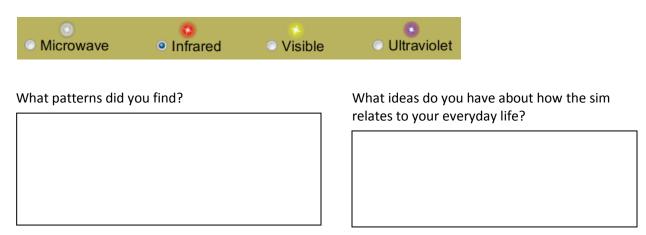
Today you are going to use a sim to explore how light interacts with molecules in our atmosphere.

I. Explore the sim with a partner.

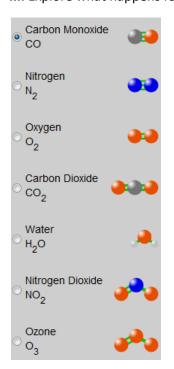


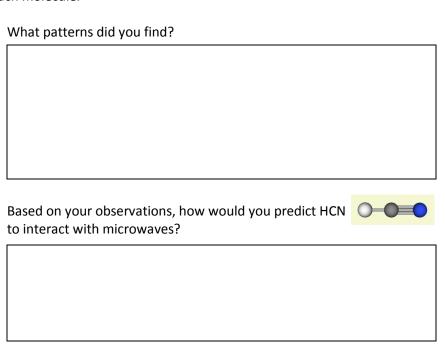


II. Explore what happens for each type of light.



III. Explore what happens for each molecule.





IV. Look closer at how infrared light affects water in the sim or in the movie below.	
What do you think is happening?	
V. Pick one of the topics below to study in more depth. Prepare to share your ideas with the class by making sense of what you discover.	
1. Microwaves	How do microwave ovens work?
2. Greenhouse effect	
	What is a greenhouse gas?
3. Ozone layer	Why is the ozone layer important?