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The Bends

1) What gas causes the bends? _____ When pressure increases, so does gas solubility. Whose gas law is this ?

2) What are some of the symptoms of the bends?

3) What gas do divers breathe in order to avoid the bends?

4) What is a dive chart?

5) How are the bends treated?

CO Poisoning

1) How is CO produced?

2) Why is it so dangerous? How does its reaction with hemoglobin compare to oxygen's?

3) How do people avoid CO poisoning?

4) How is CO poisoning treated?

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Ozone Depletion

- 1) What is the formula for ozone? _____ How is it produced?

- 2) Up there ozone is our friend, down here it's our enemy! Explain this!

- 3) What is depleting our ozone layer?

- 4) Where is this reported hole in the ozone layer and why is it there? What are the long term consequences of a widening hole in the layer?

- 5) What are people doing to stop ozone depletion?

The Greenhouse Effect

- 1) What causes the greenhouse effect? Why is a little greenhouse effect good?

- 2) What are the long term consequences of the greenhouse effect?

- 3) Some experts say the greenhouse effect will lead to terrible flooding of our coastal cities & turn the midwest into a desert. Explain this.

- 4) What is being done to deal with the problem?

- 5) How does this tie in with the whole nuclear vs. coal burning power plant issue?