## III. Gather Data

## A. Change in $CO_2$



- Click on the  $CO_2$  Monthly Mean site.

1. What is happening to the concentration of atmospheric  $CO_2$ ?

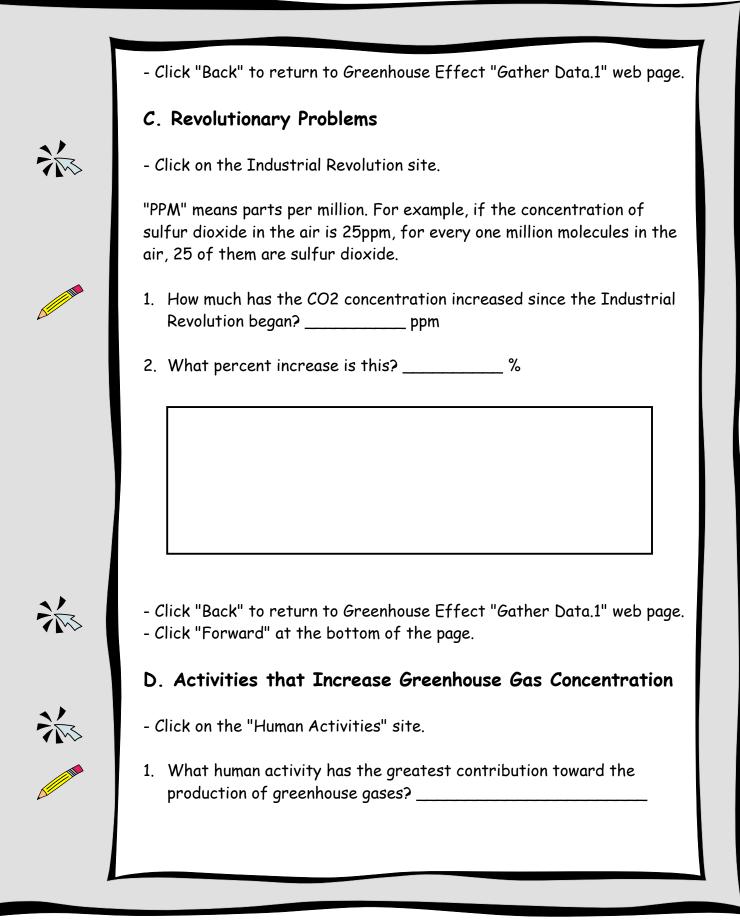
- Click "Back" to return to Greenhouse Effect "Gather Data.1" web page.

## B. Timeline



- Click on the Possible Future site.

1. If there are no efforts to stop the greenhouse effect, what is the range of possible temperature increases predicted to be by the time you are 50 years old? \_\_\_\_\_\_ °C to \_\_\_\_\_\_ °C



2. What activities do you think are included in the energy use column? - Click "Back" to return to Greenhouse Effect "Gather Data.2" web page. \*\* E. Industrial Growth and Responsibility - Click on the "Responsibility" site. Fossil fuels are responsible for producing  $CO_2$ . 1. What country seems to be most responsible for greenhouse gas production? - Click "Back" to return to Greenhouse Effect "Gather Data.2" web page. - Click on the Per Person CO<sub>2</sub> Production site. The previous graph showed you the percent increase in use of fossil fuels since 1970. This graph shows you the actual production of  $CO_2$ per person. 2. What country is actually most responsible for greenhouse gas production? 3. Approximately how many times more  $CO_2$  is produced per person by the country in Question 2 above than is produced per person in India? \_\_\_\_\_\_ times as much. - Click "Back" to return to the Greenhouse Effect "Gather Data.2" page. - Click "Return" at the bottom of the page. - Click "Application."