

The Carbon Cycle

Topic: Greenhouse Gas Emissions

<http://www.esd.ornl.gov/iab/iab2-2.htm>

Go to the website listed above and look at the diagram that shows the Carbon Cycle. Using your own words, write a paragraph explaining how this cycle works. There is information on the above website and a good resource is 'Nature Of Biology' by Judith Kinnear and Marjory Martin. (This is a Year 11 text book and may be available in your school.)

Focus Questions

- How does the burning of fossil fuels contribute to an increase in carbon dioxide levels in the atmosphere?
- What is meant by 'sea-surface' gas exchange?
- How have CO₂ levels changed over time?
- List three things that can be done to help reduce the level of CO₂ emissions.
- What is the connection between CO₂ emissions and global warming?
- What can YOUR school do to reduce its greenhouse gas emissions?

Curriculum Links

English: Writing

Science: Natural and Processed Materials

Society & Environment: Investigation, Communication & Participation

