

1. What would be an appropriate name for this diagram?
2. Give an example of carbon in each of Earth's systems as it is shown in this diagram.
3. List 3 example of carbon sinks found in this diagram.
  - a.
  - b.
  - c.
4. What would happen to the amount of carbon dioxide if the pine trees in the diagram are cut down?
5. What happens as the pine trees decompose?
6. What role do people play in circulating carbon through Earth's systems?
7. List two ways that the hydrosphere is involved with carbon.
  - a.
  - b.
8. How are cows and other livestock involved in the carbon cycle?
9. How is agriculture involved in the carbon cycle?
10. In your own words, describe one path that carbon may travel through the carbon cycle.

