

Name: \_\_\_\_\_

**Carbon Cycle Worksheet**  
Reference: Carbon Cycle animation

**Carbon Storage**

1. What is carbon?
2. Where is carbon found on earth?

**Carbon Cycle – on land**

3. Where do plants get the carbon dioxide they need for photosynthesis?
4. How do plants release carbon into the atmosphere?
5. How do plants become fossil fuels (such as coal and oil)?

**Carbon Cycle – in water**

6. How does carbon move between the ocean and surface and the atmosphere?
7. Why do plants in water need carbon dioxide?
8. How do animals in the water get carbon?
9. How does the carbon end up as sediment on the bottom of the ocean floor?

**Human influence on the carbon cycle**

10. List 3 ways in which humans influence the carbon cycle and describe the effect of this behaviour:
  - (i)
  - (ii)
  - (iii)