



INDIAN SCHOOL DARSAIT
DEPARTMENT OF SCIENCE



Subject : BIOLOGY Topic : Natural Resources (Biogeochemical Cycles) Date of Worksheet :
10-12-2018

Resource Person: Mrs. S. SUBHAJA NANDAKUMAR

Name of the Student : _____ Class & Division : IX Div __ Roll Number : ____

1. What do you understand from the term biogeochemical cycles? 1
2. Name the process by which oxygen is released into the atmosphere? 1
3. 'Decomposer are essential in nutrient cycle'. Justify this statement. 1
4. Name the organisms responsible for biological nitrogen fixation. 1
5. Do plants help in precipitation? If so, how? 1
6. Diagrammatically elucidate the carbon cycle in nature. 2
7. Why is CO₂ an important source for life? State the two ways by which it is fixed on earth. 2
8. Mention the harmful effects of ultraviolet rays. 2
9. 'Our atmosphere act as a protective blanket'. Justify 2
10. What is ozone and how is it getting depleted? 2
11. Describe Green House Effect? 2
12. What are the ways by which carbon dioxide concentration increase in atmosphere? 2
13. What is crop rotation? How does cultivation of legumes improve soil fertility? 2
14. Describe water cycle and the importance of water for life. 3
15. Explain nitrogen cycle in nature with the help of a diagram. 3