**Freshman Biology Ecology – Std 1/Obj 2 Study Guide**

Carbon Cycle

Oxygen Cycle

Nitrogen Cycle

Water Cycle

**Carbon Cycle Interactives**

[*https://www.windows2universe.org/earth/climate/carbon\_cycle.html*](https://www.windows2universe.org/earth/climate/carbon_cycle.html)

[*http://sciencelearn.org.nz/Contexts/The-Ocean-in-Action/Sci-Media/Interactive/Carbon-cycle*](http://sciencelearn.org.nz/Contexts/The-Ocean-in-Action/Sci-Media/Interactive/Carbon-cycle)

[*http://www.kscience.co.uk/animations/carbon\_cycle.htm*](http://www.kscience.co.uk/animations/carbon_cycle.htm)

[*https://utah.pbslearningmedia.org/resource/b1943ed9-9781-4d75-872f-ee5b26fe28a6/the-roots-of-the-carbon-cycle*](https://utah.pbslearningmedia.org/resource/b1943ed9-9781-4d75-872f-ee5b26fe28a6/the-roots-of-the-carbon-cycle)

[*https://www.ducksters.com/science/ecosystems/carbon\_cycle.php*](https://www.ducksters.com/science/ecosystems/carbon_cycle.php)

**Oxygen Cycle Interactives**

[*http://www.purposegames.com/game/carbon-oxygen-cycle-quiz*](http://www.purposegames.com/game/carbon-oxygen-cycle-quiz)

[*http://www.geography4kids.com/files/cycles\_oxygen.html*](http://www.geography4kids.com/files/cycles_oxygen.html)

[*https://www.ducksters.com/science/ecosystems/oxygen\_cycle.php*](https://www.ducksters.com/science/ecosystems/oxygen_cycle.php)

**Nitrogen Cycle Interactives**

[*http://sciencelearn.org.nz/Contexts/Soil-Farming-and-Science/Sci-Media/Interactive/The-terrestrial-nitrogen-cycle*](http://sciencelearn.org.nz/Contexts/Soil-Farming-and-Science/Sci-Media/Interactive/The-terrestrial-nitrogen-cycle)

[*https://utah.pbslearningmedia.org/resource/lsps07.sci.life.eco.nitrogen/the-nitrogen-cycle/#.WbCHK8iGNnI*](https://utah.pbslearningmedia.org/resource/lsps07.sci.life.eco.nitrogen/the-nitrogen-cycle/#.WbCHK8iGNnI)

[*https://www.ducksters.com/science/ecosystems/nitrogen\_cycle.php*](https://www.ducksters.com/science/ecosystems/nitrogen_cycle.php)

**Water Cycle Interactives**

[*http://studyjams.scholastic.com/studyjams/jams/science/ecosystems/water-cycle.htm*](http://studyjams.scholastic.com/studyjams/jams/science/ecosystems/water-cycle.htm)

[*https://water.usgs.gov/edu/watercycle-kids-adv.html*](https://water.usgs.gov/edu/watercycle-kids-adv.html)

[*https://www.ducksters.com/science/the\_water\_cycle.php*](https://www.ducksters.com/science/the_water_cycle.php)

Limiting Factors

Evidence

Inference

Bias

Fact vs. Fiction

What is the impact of your personal choices on the matter cycles in an ecosystem?