**The Habitable Planet – Unit 4: Ecosystems, Section 4: Biogeochemical Cycling in Ecosystems**

What are the major carbon reservoirs?

How is the carbon cycle different in land-surface ocean ecosystems than in deep ocean and sediments?

How do human activities affect the carbon cycle?

Explain NPK.

What roles do microorganisms play in the nitrogen cycle?

How are phosphorus and soil pH related?

What is the result of excess phosphorus in rivers and lakes?