

The biosphere: biogeochemical cycles

-51	

PAGES 254-261

Complete this concept review handout and keep it as a record of what you have learned.

Definitions

The biosphere is
• A biogeochemical cycle is
The carbon cycle is
The nitrogen cycle is
The phosphorus cycle is

Layers of the Earth

Layer	Corresponds to
Lithosphere	The solid surface

Processes involved in biogeochemical cycles

Process	Examples
Biological	RespirationDigestion



Carbon, nitrogen and phosphorus cycles

Element	Biological utility	Transformations
	Makes up the tissues of living organisms.	• Photosynthesis
		Nitrogen fixation
		• Erosion