

Chapter 3–3 Cycles of Matter

Essential Questions:

- How does matter move among the living and nonliving parts of an ecosystem?
- How are ***nutrients*** important in living systems?

– Recycling in the Biosphere

- Unlike energy, **matter** is **recycled** in ecosystems
- Biogeochemical cycles

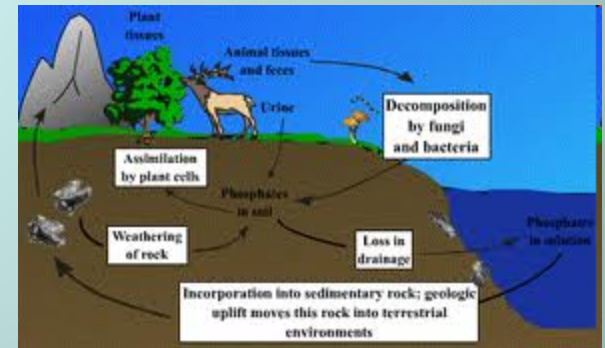
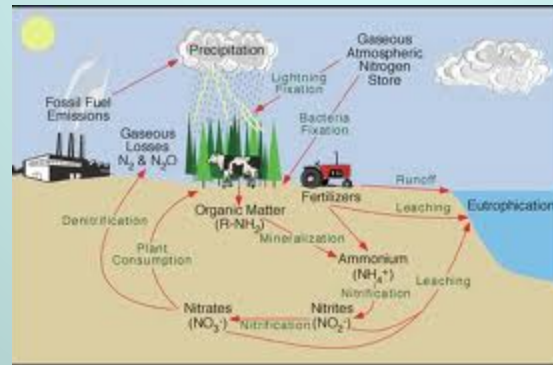
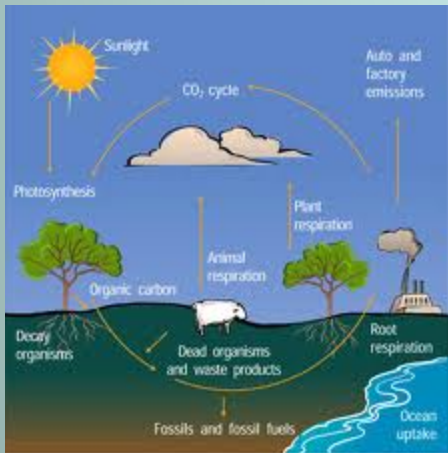
– The Water Cycle



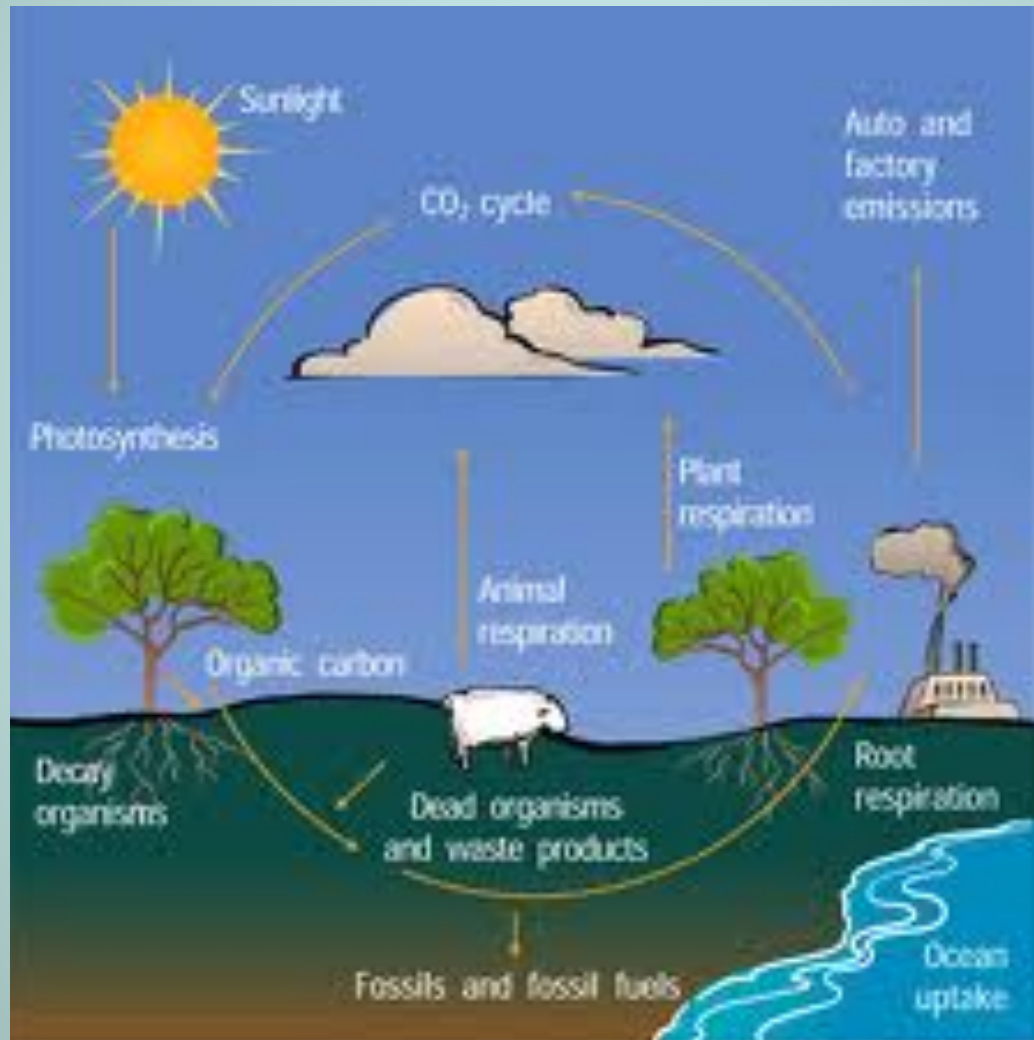
- **Nutrient Cycles**

- Chemical substances needed for life are **nutrients**

- Nutrients passed between organisms & environment in biogeochemical cycles



- The Carbon Cycle – where is carbon stored in biosphere?



- The Nitrogen Cycle
- The Phosphorus Cycle

