

# Flow of Matter & Energy

**SPI:** 3210.3.1-4, 3210.Math.1-2, 3210.Inq.1-8, 3210.T/E.1-3  
**Topics:** **Flow of Matter & Energy-** Flow of Energy in an Ecosystem(2.2), Cycling of Matter/Biogeochemical Cycles (2.3), *Cellular Energy*– How Organisms Obtain Energy(8.1), Photosynthesis(8.2), Cellular Respiration[aerobic/anaerobic] (8.3).  
**Objective:** **Understand the flow of energy in an ecosystem. Compare and contrast photosynthesis and respiration.**  
**EQ:** How do plants and other organisms capture energy from the sun? How do changes in a biogeochemical cycle affect an ecosystem?

Left Side Pages			Right Side Pages		
	Page#	Title		Page #	Title

Date: Parent signature and comment

**EOC: Flow of Matter & Energy (18%) # items 9-10**