

Chapter 9-2: Krebs Cycle and Electron Transport

Essential Questions:

- What is cellular respiration?
- How are energy & exercise related?

- Krebs Cycle – **aerobic** – happens if oxygen present



- Electron transport – uses electrons from Krebs Cycle to convert ADP to ATP
- The totals:
 - Anaerobic: 2 ATP per glucose
 - Aerobic: 36 ATP per glucose

- Energy & exercise
 - Quick energy: lactic acid fermentation
 - Long-term energy: CR



- Comparing Photosynthesis and CR
 - Almost opposite processes
 - See top of p. 232

