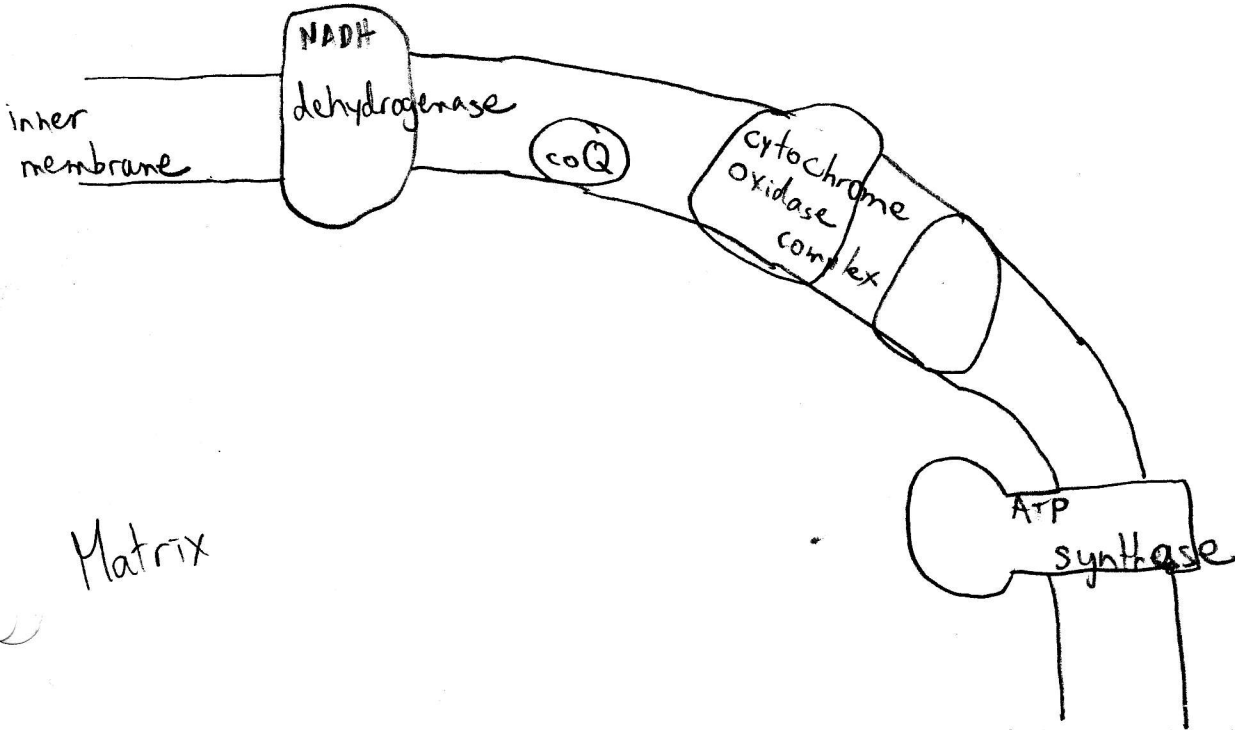


Electron Transport Chain and Chemiosmosis Activity

(In this activity a pair of H^+ ions will be represented by one rocket candy)

Intermembrane space



Matrix

- Each _____ of the mitochondria pumps out _____
- _____ drops of their electrons at coQ and therefore pump out _____
- As each pair of H^+ ions travel through the ATP synthase _____

Energy Yield from Aerobic Cellular Respiration

Pathway	Substrate - Level Phosphorylation	Oxidative Phosphorylation	Total ATP/ glucose
Glycolysis			
Transition Rxn.			
Krebs			
Total			