

Where have we studied organelles? (Use this table to record as many different circumstances as you can in which the concepts related to this topic apply. Don't just record the obvious ones mentioned explicitly by the instructors, learn to find others. Compare yours to your partners' from time to time. If you fill this one, print another!)

Situation	Description	Function	Scenario/ Lab
Electron Transport Chain	Mitochondrion: an organelle located in the cytoplasm of eukaryotic cells that contains a matrix and cristae; also contains DNA	Produces ATP as a result of the electron transport chain, the Krebs' cycle, and chemiosmosis	Out of the Rainforest

Organelle: a specialized, typically membrane-bound structure in eukaryotic cells that carries out specific function(s); ribosomes are not membrane-bound, and they are found in both eukaryotic and prokaryotic cells.