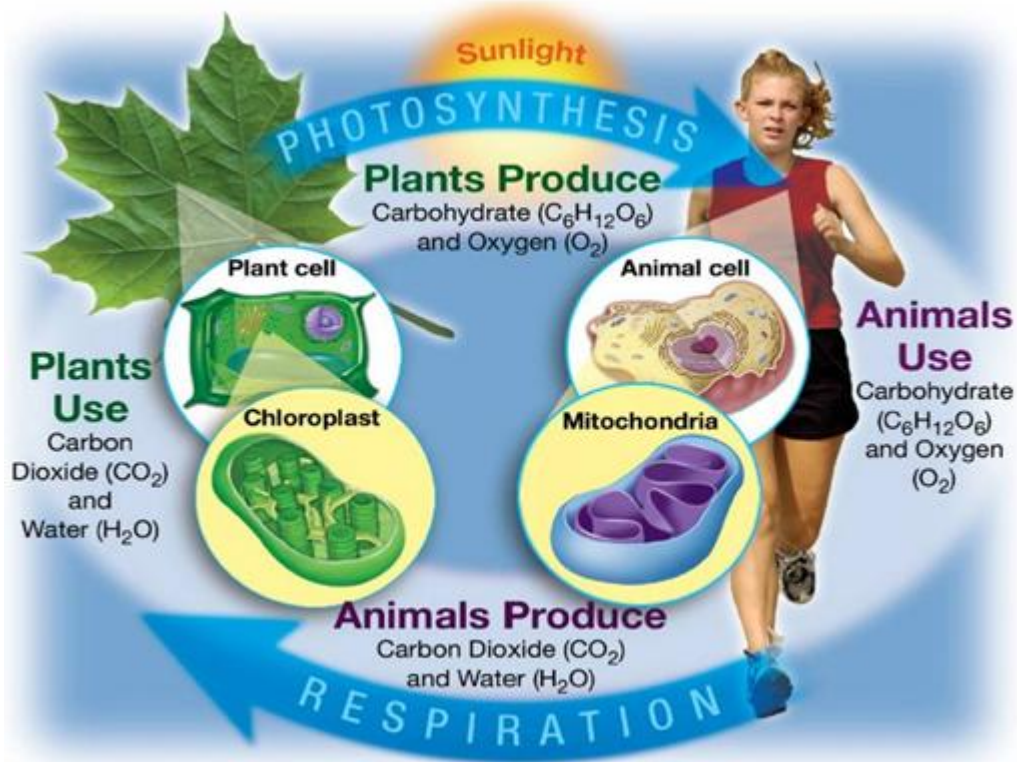


Comparison of Photosynthesis and Respiration



Photosynthesis	Respiration
Produces sugars from light energy	Burns sugars for energy
Stores energy	Releases energy
Occurs only in cells with chloroplasts	Occurs in most cells
Releases oxygen	Uses oxygen
Uses water	Produces water
Uses carbon dioxide Requires light	Produces carbon dioxide Occurs in dark and light