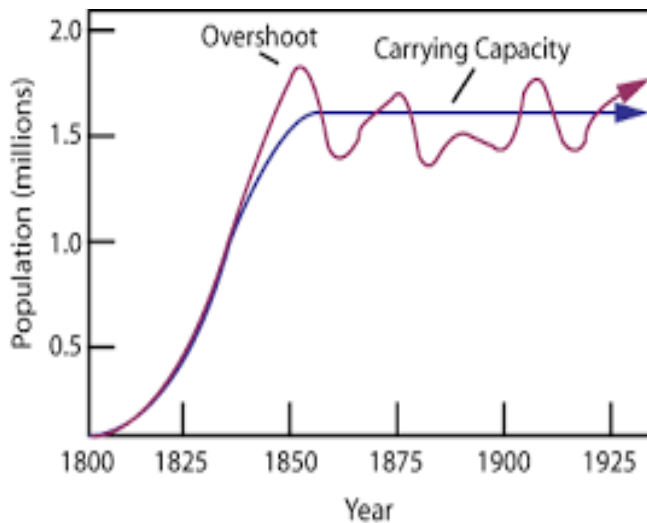
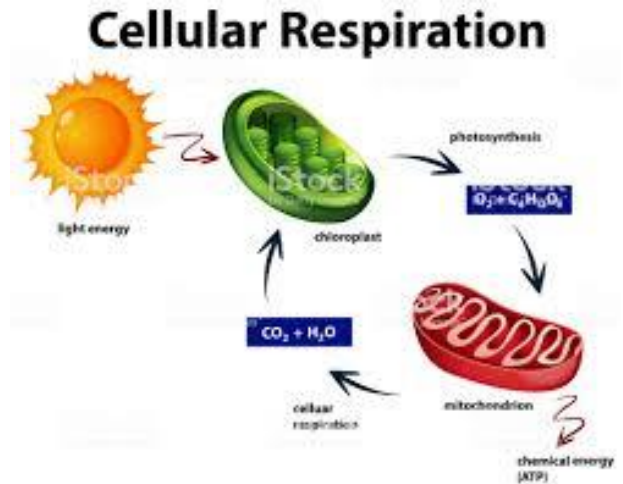


Use a model to illustrate that cellular respiration is a chemical process whereby the bonds of food molecules and oxygen molecules are broken and the bonds in new compounds are formed resulting in a net transfer of energy.

HS-LS1-7.



Use mathematical and computational representations to support explanations of factors that affect carrying capacity of ecosystems at different scales. **HS-LS2-1.**