

World of 8 Billion Contest Connections to [AP Biology Standards](#)

Unit 7 - Natural Selection

- Topic 7.1 - Extinctions
 - VO-3.H.1 Human activity can drive changes in ecosystems that cause extinctions.
- Topic 7.2 - Natural Selection
 - EVO-1.E.2 Environments change and apply selective pressures to populations.
 - EVO-1.E.2 - Flowering time in relation to global climate change

Unit 8 - Ecology

- Topic 8.2 - Energy Flow Through Ecosystems
 - ENE-1.N Explain how changes in energy availability affect populations and ecosystems.
- Topic 8.5 - Community Ecology
 - ENE-4 Communities and ecosystems change on the basis of interactions among populations and disruptions to the environment.
- Topic 8.7 - Disruptions to Ecosystems
 - SYI-2.A.2 - The availability of resources can result in uncontrolled population growth and ecological changes.
 - SYI-2.B Describe human activities that lead to changes in ecosystem structure and/ or dynamics.
 - SYI-2.B.1 The distribution of local and global ecosystems changes over time.
 - SYI-2.B.2 Human impact accelerates change at local and global levels—
 - a. The introduction of new diseases can devastate native species.
 - b. Habitat change can occur because of human activity