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