

Title: Eco Crazy

Time Frame: 1 hour and 20 minutes

Grade(s): 5th to 8th

Scripture Verse: Genesis 3

Description: Students will become part of a large-scale ecosystem and participate in a specially designed game of tag to gain energy so they may survive. There are winners and losers in this game of life—don't worry, it is all for the sake of learning. The activity really helps synthesize the idea of an ecosystem and ecology.

Integrating Concept: In many ways, this activity shows how ecosystems, since the fall, have been functioning. Eco Crazy shows, in the director's opinion, the way God has graciously provided for His creation since the fall of man.

Learning Objectives:

Learners will...

- be presented with ecosystem and ecological vocabulary
- learn about energy transfer in an ecosystem
- learn about carnivores, herbivores, and omnivores
- see what it is like to be a predator or a prey animal
- get a taste of what it might be like to survive in the wild
- learn about the impacts humans make in an ecosystem
- etc.

Vocabulary:

Autotroph	Ecologist	Nocturnal	Predator
Biological Factor	Ecology	Omnivore	Prey
Biome	Ecosystem	Organic Matter	Primary Producer
Biosphere	Food Chain	Parasite	Renewable Resource
Carnivore	Food Web	Photosynthesis	Saprophytes
Carrying Capacity	Herbivore	Physical Factor	Scavenger
Decomposer	Heterotroph	Population Density	Succession
Deforestation	Inexhaustible Resources	Population Distribution	Wildlife Management
Diurnal	Inorganic Matter	Population Size	

Scripture References:

- Genesis 3 – The fall of man—the first sin.