

Keystone Predator

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Section 1: Rocky Intertidal Community Dynamics

Rocky intertidal areas host a diversity of organisms that interact with each other through competition and consumption.

- Tidal Pools
- An Intertidal "Who's Who"
- Competition and Competitive Dominance
- Consumption: Food Chains, Trophic Levels, and Food Webs
- The Keystone Species Concept

Section 2: Ruling the Rock

Conduct experiments to explore community interactions and discover why some species have a greater effect on community structure than others.

- Experimenting in the Intertidal Community
- Flexing Your Mussels
- You Are What You Eat
- Who Rules the Rock?
- The Intertidal Keystone
- Species Reintroduction

Section 3: Invasion!

Continue investigating direct and indirect effects in an ecological community to understand why invasive species are a threat to biodiversity.

- The European Green Crab
- An Expanded Food Web
- Track the Invasion

Section 4: Keystone Predator Playground

An opportunity to play with the Keystone Predator model.

- An Intertidal Playground

Section 5: Graded Questions

Graded Questions