

Readorium Alignment to FOSS Kit: Matter/Energy: Organisms/Eco (Interactions & Energy Flow)		
Readorium Books By Standard	Magazine Articles (A) and Science Alive Videos (V) By Standard	Teacher Resource Center Classroom Strategy Lessons (CL) with Articles (A) by Standard
<p>NGSS: 6-8-LS2.A: Ecosystems: Interactions, Energy, and Dynamics: Interdependent Relationships in Ecosystems: Organisms, and populations of organisms, are dependent on their environmental interactions both with other living things and with nonliving factors. (MS-LS2-1) In any ecosystem, organisms and populations with similar requirements for food, water, oxygen, or other resources may compete with each other for limited resources, access to which consequently constrains their growth and reproduction. (MS-LS2-1) Growth of organisms and population increases are limited by access to resources. (MS-LS2-1) Similarly, predatory interactions may reduce the number of organisms or eliminate whole populations of organisms. Mutually beneficial interactions, in contrast, may become so interdependent that each organism requires the other for survival. Although the species involved in these competitive, predatory, and mutually beneficial interactions vary across ecosystems, the patterns of interactions of organisms with their environments, both living and nonliving, are shared. (MS-LS2-2)</p>		
<ul style="list-style-type: none"> • The Importance of Coral Reefs • Desert Biomes • Arctic Tundra: A Harsh Place to Live • Prairie Ecosystems • The Scientific Method 	<ul style="list-style-type: none"> • Why Some Animals Eat their Own Kind? A • Invasive Species (A) • Pirate Spiders(A) • Animal Cannibals (A) • A Spider with Deadly Aim (A) • Spitting Spiders (A) • Looks like an Ant... Or Does It? (A) • The Venomous Sea Wasp (A) • The Hagfish (A) • Keeping an Aquarium} (A) • A Weird Animal: The Binturong (A) • Carnivorous Dinosaurs (A) • Bones Tell the Story (A) • Getting DNA Out of Ancient Fossils (A) • Selective Breeding, Genetic Engineering, and Pedigrees (A) • Ant Activists (V) • Birds Strut their Stuff(V) • Make Way for Ducklings(V) • Orangutans See, Orangutans Do? (V) • Snaking Around(V) • Squid: Underwater Masters of Disguise (V) • Taking the Bite Out of Mosquito Bites (V) • Totally Batty(V) 	<ul style="list-style-type: none"> • Making Connections & • Synthesizing (CL-3, A-1 The Lynx and the Hare: Predator-Prey Relationships) • Context Clues CL-3 A-2, What Happens When Something Goes Extinct?) • Graphic Features (CL-1, A-1 What is Happening to the Bluefin Tuna?) • Inferring (CL-1, A-2 Animal Cannibals) • Print Features CL-3 A-1 Home Sweet Home: Dens and Other Shelters) • Monitor for Meaning (CL-1, A-1 Lizard Lifestyles) • Monitor for Meaning CL-2, A-1 Great Barrier Reef) • Monitor for Meaning (CL-2, A-2 Is that Popcorn? No, it's a Binturong! • Inferring (CL-3 A-1 Meet a Scientist)